MICHIGAN PNEUMATIC TOOL, INC.

INDUSTRIAL

AIR TOOLS

CONSTRUCTION

CATALOG # 10-75

10650 Cloverdale • Detroit, Michigan 48204 (313) WE3-5890

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From our factory in Japan, come the highest quality new tools at used tool prices...plus a 90 day guarantee and prompt service.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

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MICHIGAN PNEUMATIC TOOL, INC. ASSURES YOU

QUALITY

DEPENDABILITY

SAVINGS

FROM OUR LARGE INVENTORY OF NEW TOOLS.

MAIL ORDERS ACCEPTED.

YOUR SATISFACTION IS OUR GOAL. TOOLS MAY BE RETURNED PREPAID FOR FULL CREDIT PROVIDING THEY ARE IN NEW CONDITION.

NEW TOOLS.

IMMEDIATE DELIVERY FROM STOCK ON ALL ITEMS SHOWN IN THIS CATALOG.

WE OFFER A GENEROUS TRADE-IN ALLOWANCE ON YOUR OLD TOOLS TOWARD THE PURCHASE OF NEW TOOLS.

OUR TOOLS ARE TESTED, INSPECTED AND GUARANTEED.

WARRANTY

Every Michigan Pneumatic product is thoroughly tested and inspected before it leaves our factory. Should it fail to give satisfactory service, return the complete product to Michigan Pneumatic with transportation charges pre-paid. We guarantee to replace free of charge any part or parts found by us to be defective due to faulty material or workmanship, provided repairs have not been made or attempted by others. This guarantee does not cover damages caused by misuse, negligent handling, or normal wear and tear. No other guarantee, written or verbal, on our products is authorized by us.

TERMS:

—NET 30 DAYS . . . FOB DETROIT
—MINIMUM BILLING $10.00
—ITEMS ACCEPTED FOR CREDIT OR EXCHANGE ARE SUBJECT TO 15% HANDLING CHARGE.
—NO GOODS SHALL BE RETURNED WITHOUT PRIOR PERMISSION AND TRANSPORTATION MUST BE PREPAID.
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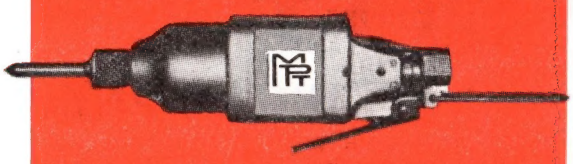
REVERSIBLE SCREWDRIVERS

MICHIGAN PNEUMATIC MODEL MP B33-RN SCREWDRIVER

This Lightweight Screwdriver gives you that extra power with a new impact mechanism. It consists of a built in power regulator and a six step power control.

WT. . . . . 2.4 lbs.
Length . . . . 7-9/32"
R.P.M. 7,000
Screw Cap . . . . . 1/4"
Air Inlet Thread . . . 1/4 P.T.
Hose Size . . . . . 3/8"

OTHER MANUFACTURER'S LIST PRICE $255.00



$130.00

MICHIGAN PNEUMATIC MODEL MP 3 SCREWDRIVER

Modern and Lightweight, these screwdrivers are ideal for Production use. Easily maneuverable and compact.

WT. . . . . 1.1 lbs.
Length . . . . . 6-5/8"
R.P.M. 10,000
Hose Size . . . . 1/4"
Spindle Offset . . . . . 17/32"
Screw Cap . . . . . 1/8"
Air Inlet Thread . . 1/8" P.T.

OTHER MANUFACTURER'S LIST PRICE $275.00

$140.00

MICHIGAN PNEUMATIC MODEL MP 4 SCREWDRIVER

Modern and Lightweight, these screwdrivers are ideal for Production use. Easily maneuverable and compact.

WT. . . . . 1.3 lbs.
Length . . . . 7-3/32"
R.P.M. 10,000
Hose Size . . . . 1/4"
Spindle Offset . . . . . 5/8"
Screw Cap . . . . . 1/8"
Air Inlet Thread . . 1/8" P.T.

OTHER MANUFACTURER'S LIST PRICE $275.00

$150.00

MICHIGAN PNEUMATIC MODEL MP 5 SCREWDRIVER

Modern and Lightweight, these screwdrivers are ideal for Production use. Easily maneuverable and compact.

WT. . . . . 1.8 lbs.
Length . . . . . 7-7/8"
R.P.M. 10,000
Hose Size . . . . 1/4"
Spindle Offset . . . . . 3/4"
Screw Cap . . . . . 1/8"
Air Inlet Thread . . 1/8" P.T.

OTHER MANUFACTURER'S LIST PRICE $275.00

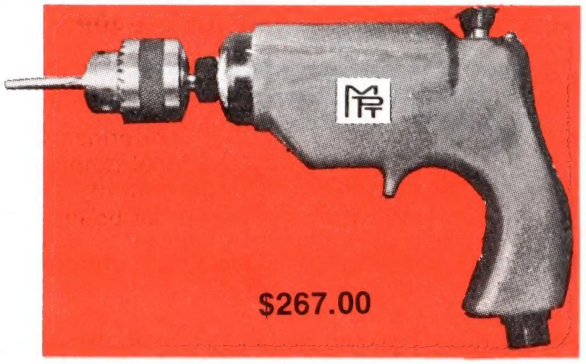
$160.00

MICHIGAN PNEUMATIC MODEL MP 6 REVERSIBLE TAPPER

This Air Tapper is a trouble-free, lightweight unit.

WT. . . . . 3.3 lbs.
Length . . . . . 8-1/4"
R.P.M. Left . . 2,100
Right . 2,100
Hose Size . . . . . 3/8"
Air. Cons. Per Min. . . . . 16 ft.^{3}
Tap Cap . . . . . 1/4"

OTHER MANUFACTURER'S LIST PRICE $330.00



$267.00

REVERSIBLE SCREWDRIVERS

MICHIGAN PNEUMATIC MODEL B 3010 RS SCREWDRIVER

This tool has an impact mechanism which gives you extra power. Reversible with direct drive. 1/4 inch screw capacity.

WEIGHT . . . . . 3 LBS.
LENGTH . . . . 6-3/8 IN.
RPM 7000
SCREW CAP . . 1/4 IN.

OTHER MANUFACTURER'S LIST PRICE $275.00

$165.00

MICHIGAN PNEUMATIC MODEL B3000-S SCREWDRIVER

WEIGHT . . 1-3/4 LBS.
LENGTH . . . . . 9 IN.
RPM 2100
SCREW CAP . . 1/8 IN.

Modern inside and out, these lightweight and compact Screwdrivers will bring new work output and economy to your assembly operations. Reversible with Torque control, 1/8 inch Screw Cap. Torque adjustment from 0.15 to 2.2 foot lbs. Adjustable Clutch.

OTHER MANUFACTURER'S LIST PRICE $310.00

$205.00

MICHIGAN PNEUMATIC MODEL B3030-S SCREWDRIVER

WEIGHT . . 2-1/2 LBS.
LENGTH . . . . . 10 IN.
RPM 1500
SCREW CAP . . 3/8 IN.

These Screwdrivers pack unequaled power into the most compact screwdriver design you've ever held in your hand . . . yet are so quiet running you'll be amazed by their full power performance. Reversible with Torque control. 3/8 inch Screw Cap., Torque adjustment from 0.2 to 4 foot lbs. Adjustable Clutch.

OTHER MANUFACTURER'S LIST PRICE $310.00

$205.00

MICHIGAN PNEUMATIC MODEL B30P SCREWDRIVER

This tool gives full power performance with hardly any maintenance. It is economical, quiet running, and unequalled in power. Reversible with Torque control. 1/8 inch Screw Cap., Torque adjustment from 0.15 to 2.2 foot pounds. Adjustable Clutch.

WEIGHT . . 2-1/2 LBS.
LENGTH . . . . . 9 IN.
RPM 2100
SCREW CAP . . 1/8 IN.

OTHER MANUFACTURER'S LIST PRICE $340.00

$230.00

MICHIGAN PNEUMATIC MODEL B40P SCREWDRIVER

This tool gives full power performance with hardly any maintenance. It is economical, quiet running, and unequalled in power. Reversible with Torque control, 3/8 inch Screw Cap., Torque adjustment from 0.2 to 4 foot pounds. Adjustable Clutch.

WEIGHT . . . . . 3 LBS.
LENGTH . . . . 9-1/2 IN.
RPM 1500
SCREW CAP . . 3/8 IN.

OTHER MANUFACTURER'S LIST PRICE $380.00

$230.00

ROTARY DIE GRINDERS

MODEL 8000 1/8" — 9000 1/4" HANDEE AIR GRINDER

- Rugged Construction
- Efficient, Compact Design
- Easy to Handle
- Low Cost
- Attractive Appearance
- 90 Day Guarantee against defective parts and workmanship
- Excellent for both intermittent and continuous grinding
- Made in U.S.A.

$47.00

Weight .....11 Ounces
Length .....5 Inches
RPM .....17,500 at 90 p.s.i.

Please Specify:
1/4" Capacity Chuck
1/8" Capacity Chuck

OTHER MANUFACTURER'S LIST PRICE $75.00

MODEL B70000A/B71000A DIE GRINDER

High Speed Baby Grinders are small, lightweight, yet powerful grinders, specially developed by our designers to meet the increasing demand for high speed grinders with resinoid wheels. Backed by our long experience and exclusive techniques, these Baby Grinders can not only do far heavier grinding, but increase productivity far beyond the level hitherto possible with similar grinders carrying vitrified wheels.

$80.00

Weight .....1-1/2 Pounds
Length .....6 Inches
RPM 20,000

Please Specity:
1/4" Collet
1/8" Collet

OTHER MANUFACTURER'S LIST PRICE $125.00

MODEL B22000A/B23000A DIE GRINDER

This Vane Type 1/2" high-speed straight grinder meets all the requirements for sanding in aluminum, plastic and brass. Light in weight and compactness makes it an exceptional desirable straight grinder. Has a built-in speed regulator, thus controlling the power and speed. Designed for continuous production use. Has hardened end plates, assuring long tool life. Button or Lever throttle optional.

$95.00

Wt. .....2 lbs.
Lgth .....8"
RPM 20,000

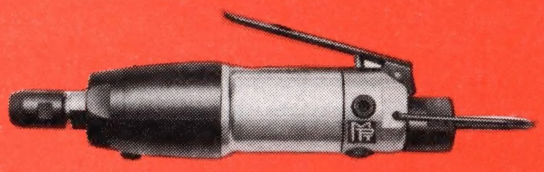
Please Specify:
1/4" Collet
1/8" Collet

Button or Lever

OTHER MANUFACTURER'S LIST PRICE $130.00

MODEL B000-1 DIE GRINDER

High Speed Baby Grinders are small, lightweight, yet powerful grinders, specially developed by our designers to meet the increasing demand for high speed grinders with resinoid wheels. Backed by our long experience and exclusive techniques, these Baby Grinders can not only do far heavier grinding, but increase productivity far beyond the level hitherto possible with similar grinders carrying vitrified wheels. Baby Grinders are both easy and safe to operate.



$95.00

Weight .....2 Pounds
Length .....7 Inches
RPM 20,000

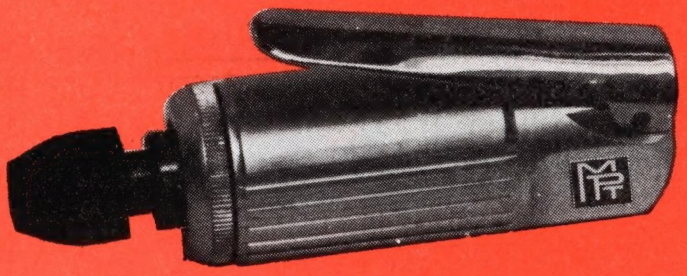
Please Specify:
1/4" Collet
1/8" Collet

OTHER MANUFACTURER'S LIST PRICE $135.00

MODEL MP-3000 DIE GRINDER

This small and lightweight grinder meets all the requirements for automotive body and industrial work. The high quality miniature motor provides power, accuracy and durability. Aluminum housing with serrations provides positive handling and ease of use. Safe variable speed control provides high speed or high torque. Interchangeable bits allow use on most any job.

Weight .....23 Ounces
Length .....6-3/8 Inches
RPM ....22,000 at 100 p.s.i.



Please Specify:
1/4" Collet

$60.00

OTHER MANUFACTURER'S LIST PRICE $115.00

ROTARY WHEEL GRINDERS

Optional Equipment: 1/8" or 3m/m Collet Chuck in place of standard 1/4" or 6m/m Collet Chuck

MICHIGAN PNEUMATIC MODEL MP 1 ROTARY GRINDER

With Ring Type Throttle, 4" Wheel and Guard

Wheel Capacity inches Resinoid Bonded 4 x 5/8 x 1/2	Net Weight . . . . . 5.0 LBS.
Free Speed . . . . . 9500 RPM	Horse Power max. 0.8
Overall Length . . . . . 12-23/32"	Air Inlet Thread . . . . . 3/8 P.T.
	Hose Size . . . . . 1/2"

$185.00

OTHER MANUFACTURER'S LIST PRICE $355.00

MICHIGAN PNEUMATIC MODEL MP 2 ROTARY GRINDER

With Ring Type Throttle, 5" Wheel and Guard

Wheel Capacity inches Resinoid Bonded 5 x 3/4 x 1/2	Net Weight . . . . . 7.3 LBS.
Free Speed . . . . . 7500 RPM	Horse Power Max. 1.1
Overall Length 15-29/32	Air Inlet Thread . . . . . 3/8 P.T.
	Hose Size . . . . . 1/2"

$245.00

OTHER MANUFACTURER'S LIST PRICE $530.00

MICHIGAN PNEUMATIC MODEL MP 3 ROTARY GRINDER

With Ring Type Throttle, 6" Wheel and Guard

Wheel Capacity inches Resinoid Bonded . . . 6 x 1 x 5/8	Net Weight . . . . . 9.5 LBS.
Free Speed . . . . . 6200 RPM	Horse Power Max. 1.3
Overall Length . . . . . 17-1/4"	Air Inlet Thread . . . . . 3/8 P.T.
	Hose Size . . . . . 1/2"

$245.00

OTHER MANUFACTURER'S LIST PRICE $545.00

MICHIGAN PNEUMATIC MODEL MP 4 ROTARY GRINDER

With Pistol Grip Handle, 8" Wheel and Guard

Wheel Capacity inches Resinoid Bonded . . . 8 x 1 x 5/8	Net Weight . . . . . 13.5 LBS.
Free Speed . . . . . 4700 RPM	Horse Power Max. 1.9
Overall Length . . . . . 18-7/8"	Air Inlet Thread . . . . . 3/8 P.T.
	Hose Size . . . . . 1/2"

$295.00

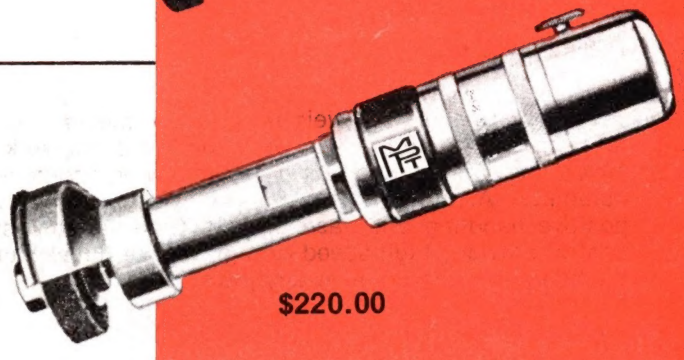
OTHER MANUFACTURER'S LIST PRICE $550.00

MICHIGAN PNEUMATIC MODEL 79000 ROTARY GRINDER

A powerful grinder for use with Resinoid wheels. Cone wheel adaptor included. The grinders are designed to be light and sturdy. A built-in speed regulator and wheel guard is standard equipment. 1/4" collets available.

Button or lever throttle available. Please specify when ordering.

WEIGHT . . . . . 3-1/2 LBS.	RPM 18000
LENGTH . . . . . 12 IN.	WHEEL CAP . . . . . 2 IN.



$220.00

OTHER MANUFACTURER'S LIST PRICE $320.00

ROTARY WHEEL GRINDERS

MICHIGAN PNEUMATIC MODEL B120-C
CONE WHEEL GRINDER

The Michigan Pneumatic is a lightweight and easy-to-handle tool. The motor is mounted as an independent unit. This grinder is specifically designed for production grinding with cone wheels. Ideally suited for fast grinding in fillets, deep crevices and pockets.

WEIGHT.....4-1/4 lbs. RPM 12000
LENGTH .....13-5/8" WHEEL CAP .....2-1/2"

OTHER MANUFACTURER'S LIST PRICE $380.00

$280.00

1/4" Collet available at $3.75

MICHIGAN PNEUMATIC MODEL B120-1
LIGHTWEIGHT GRINDERS

The Michigan Pneumatic is a lightweight and easy-to-handle tool. The motor is mounted as an independent unit, and generates power to the tool. It has a tight-fit efficient spline drive, which couples the arbor to the motor.

WEIGHT.....4-3/4 lbs. RPM 12000
LENGTH .....12-3/4" WHEEL CAP .....2-1/2"

OTHER MANUFACTURER'S LIST PRICE $380.00

$280.00

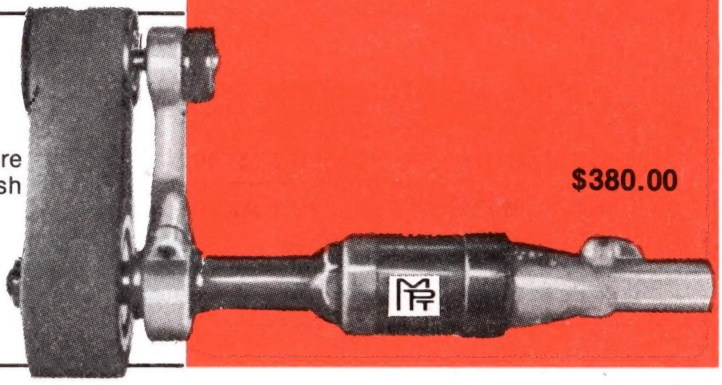
1/4" Collet available at $3.75

MICHIGAN PNEUMATIC MODEL B120WBGA
LIGHTWEIGHT GRINDER
WITH BELT GRINDING ATTACHMENT

This tool will cut production costs on several applications where mounted wheels, discs, cones, etc. are required. For a fine finish use this tool.

BELT CAP .....12" x 1"
WEIGHT .....6 lbs. RPM 12000
LENGTH .....14" WHEEL CAP .....2-1/2"

OTHER MANUFACTURER'S LIST PRICE $475.00



$380.00

PANEL SAW

PNEUMATIC MODEL OL-K4
PANEL SAW

"Work Horse" is a powerful, lightweight air powered saw. This panel saw gives a clean, smooth, accurate cut, milled edges need no sanding or finishing and there is no warping or buckling on either side of cut. Includes blade safety guard and is fully adjustable.

RPM .....1450 LENGTH .....14"
DEPTH CUT .....1" WEIGHT.....4-1/2 lbs.
LENGTH .....14" DEPTH CUT .....1"
THROTTLE.....Pistol AIR INLET.....1/4"

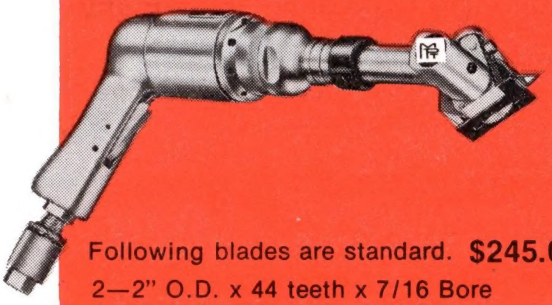
Following blades are standard. **$245.00**

1—3-3/8" O.D. x 60 teeth x 7/16" Bore
1—3-3/8" O.D. x 80 teeth x 7/16" Bore

PNEUMATIC MODEL OL-K3
PANEL SAW

The OL-K3 Pneumatic Panel Saw is expressly designed for cutting and trimming panels and sheet like materials, such as plywood, plastics, honeycomb panels, masonite, plexiglass and formica. Ingenious design allows you to start your cut anywhere without starting holes and fear of scoring or damage.

RPM .....1450 LENGTH .....14"
DEPTH CUT .....3/8" WEIGHT .....4 lbs.
THROTTLE.....Pistol AIR INLET.....1/4"



Following blades are standard. **$245.00**

2—2" O.D. x 44 teeth x 7/16 Bore
2—2" O.D. x 60 teeth x 7/16 Bore

Metal carrying case optional.

RIGHT ANGLE GRINDERS

MICHIGAN PNEUMATIC MODEL MP 516-T
OSCILLATOR ATTACHMENT

$17.90

6" pad with 5/16" arbor. Attachment: Converts conventional sanders for: • feather edging • wet & dry sanding • blocking of primer surfacer • general refinishing of metal, plastics and wood.

WEIGHT .....1 lb.
RPM .....5000 to 10000
PSI .....40 to 60 max.

MICHIGAN PNEUMATIC MODEL MP 2FG
ANGLE GRINDER

$275.00

WEIGHT.....8.6 lbs.
LENGTH .....10-3/4"
RPM 7100

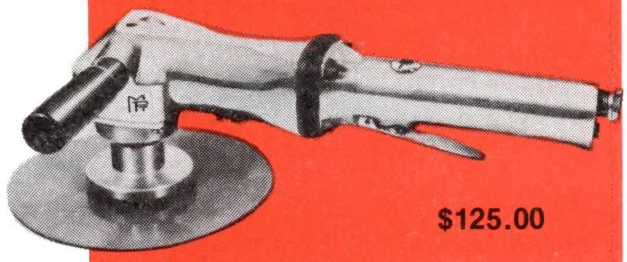
WHEEL CAP.....7"
HP 1.3
SPINDLE .5/8" x 11 Thro

This High Speed grinder is ideal for a wire brush.

Air inlet 3/8". Recommended hose size 1/2".

OTHER MANUFACTURER'S LIST PRICE $375.00

MICHIGAN PNEUMATIC MODEL MPT-869
ANGLE GRINDER



$125.00

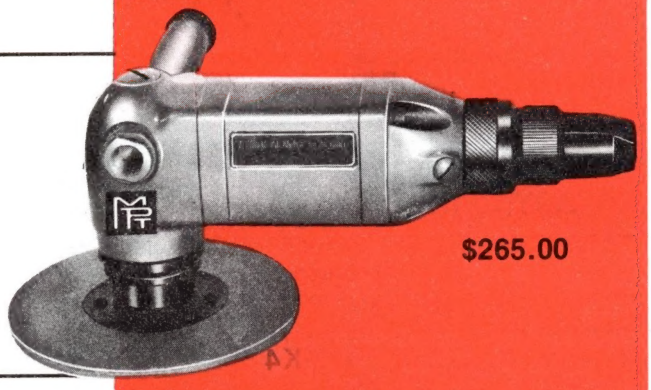
- Quality spiral beveled gears for long life!
- Ball bearing construction
- Contoured throttle control!
- Built-in air regulator!

CAPACITY .....7"
NET WEIGHT .....6-1/2 lbs.
FREE SPEED .....4500 rpm
SPINDLE SIZE .....5/8" x 11

HEIGHT .....16"
MAXIMUM HP 1
AIR INLET .....1/4"
RECOMM. HOSE SIZE ...3/8"

OTHER MANUFACTURER'S LIST PRICE $140.00

MICHIGAN PNEUMATIC MODEL B2FAM
ANGLE GRINDER



$265.00

This Grinder is available with Wheel and Guard or Rubber Pad for Sanding. Please specify when ordering. Air inlet size 1/4". Recommended hose size 3/8".

WEIGHT.....8-1/2 lbs.
LENGTH .....10-3/4"
RPM 7100

WHEEL CAP.....7"
SPINDLE ..5/8"-11 Thro

OTHER MANUFACTURER'S LIST PRICE $375.00

MICHIGAN PNEUMATIC MODEL B1FAM
ANGLE GRINDER

$215.00

WEIGHT.....3-1/4 lbs.
LENGTH .....7-3/4"
RPM 12700

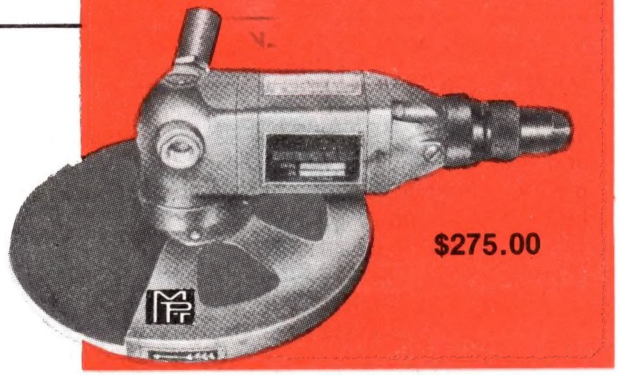
WHEEL CAP.....4"
HP 1/6
SPINDLE ..3/8"-24 Thro

Air inlet thread size 1/4" Recommended hose size 3/8".

This tool can be converted to a collet grinder. 1/4" collets available at $3.75 each.

OTHER MANUFACTURER'S LIST PRICE $255.00

MICHIGAN PNEUMATIC MODEL MP 2FW
ANGLE GRINDER



$275.00

WEIGHT.....8.8 lbs.
LENGTH .....10-3/4"
RPM 5500

WHEEL CAP.....9"
HP 1.3
SPINDLE .5/8" x 11 Thro

This particular grinder is ideal for heavy grinding. Air inlet 3/8". Recommended hose size 1/2".

OTHER MANUFACTURER'S LIST PRICE $375.00

VERTICAL ROTARY GRINDERS

MICHIGAN PNEUMATIC MODEL B7000R-45 ROTARY GRINDER

The Rotary Grinder may be used for disc sanding, cup wire brushing, and cup wheel grinding. It is also good for cutting down high spots and smoothing flat surfaces.

Specify 4500 rpm when ordering

• 4500 rpm • 6 Cup Wheel • 9" Sanding Pad • 4" Cup Wire Brush • 5/8"-11" Spindle • 7" Height • Weight 7 Lbs.

• Air Inlet Thread Size 1/2"
• Recommended Hose Size 3/8"
• 1/2 HP

OTHER MANUFACTURER'S LIST PRICE $475.00

$375.00

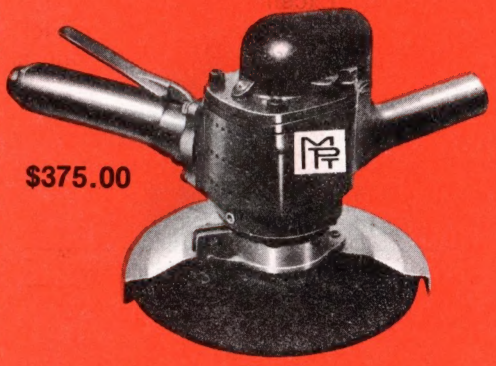
MICHIGAN PNEUMATIC MODELS B3199C-45 B3199C-6 ROTARY GRINDER

Specify 4500 or 6000 RPM when ordering

These Grinders will handle a large variety of surface grinding applications. They are constructed to give continuous service in industrial plants. Available with 6" cup wheel or 7" depressed center wheel.

WEIGHT .....10 lbs.
HEIGHT .....7"
WHEEL CAP 7" Sand. pad
HP 1/2
SPINDLE 5/8-11
RPM .....4500 or 6000

OTHER MANUFACTURER'S LIST PRICE $465.00



$375.00

MICHIGAN PNEUMATIC MODEL B7000R-6 ROTARY GRINDER

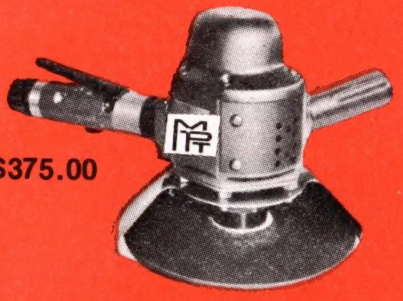
Specify 6000 rpm when ordering

The Rotary Grinder may be used for disc sanding, cup wire brushing, and cup wheel grinding. It is also good for cutting down high spots and smoothing flat surfaces.

• 6000 rpm • 5 Cup Wheel • 7" Sanding Pad • 4" Cup Wire Brush • 5/8"-11" Spindle • 7" Height • Weight 7 Lbs.

• Air Inlet Thread Size 1/2"
• Recommended Hose Size 3/8"
• 1/2 HP

OTHER MANUFACTURER'S LIST PRICE $475.00



$375.00

MICHIGAN PNEUMATIC MODELS B6001M-45 B6001M-6 ROTARY GRINDER

Specify 4500 or 6000 rpm when ordering

Vertical Grinders and Sanders may be used for disc sanding, cup wire brushing, and cup wheel grinding, as they can do most of the work of a straight grinder and yet are far superior for cutting down high spots and for smoothing a flat surface.

WEIGHT .....12 lbs.
HEIGHT .....8"
CUP WHEEL CAP .....6"
HP 1/2
SPINDLE 5/8-11
RPM .....4500 or 6000

OTHER MANUFACTURER'S LIST PRICE $575.00

$375.00

MICHIGAN PNEUMATIC MODEL MPT-865 VERTICAL GRINDER

• Extra heavy duty gearing • Powerful 1 HP motor • Variable power control • Light weight • Muffled Handle exhaust for quiet operation.

CAPACITY .....7"
NET WEIGHT .....4-1/2 lbs.
FREE SPEED .....5000 rpm
SPINDLE SIZE .....5/8" x 11
HEIGHT .....7-1/2"
MAXIMUM HP 1
AIR INLET .....1/4"
RECOMM. HOSE SIZE ...3/8"

OTHER MANUFACTURER'S LIST PRICE $130.00

$125.00

MICHIGAN PNEUMATIC AIR GRINDER

MODEL B-D570

WEIGHT .....4 3/4 lbs.
LENGTH .....5-1/2"
RPM 10000
PSI .....90 to 150 lbs.
BACKUP PAD .....7"

AVAILABLE IN 2 SIZES
90 DAY GUARANTEE

MODEL B-D550

WEIGHT .....2-1/4 lbs.
LENGTH .....5-1/2"
RPM 15000
PSI .....90 lbs.
BACKUP PAD .....5"

$40.00 **MODEL B-D550**

$66.00 **MODEL B-D570**

- Perfectly Balanced
- Two Hand Control Permits Safe and Easy Handling
- Out-Performs Heavyweight Grinders Weighting Three Times More

MISCELLANEOUS SANDERS

MICHIGAN PNEUMATIC MODEL 805
RANDOM ORBIT SANDER

The Random-Orbit action of this sander will throw dust from the pad. It is lightweight and furnished with contour handle and finger-grip top. Has hardened steel construction for consistent operation and long life.

WEIGHT . . . . . 3 lbs. 7 oz.
LENGTH . . . . . 8-3/8"
HEIGHT . . . . . 4-1/8"
HP 1/4
DISC SIZE . . . . . 5"

$99.00

MICHIGAN PNEUMATIC MODEL MP-8650
ORBITAL SANDER

This air jitterbug sander is ideal for body and paint shops for high production speed with the precise touch of hand work. Compact housing and palm throttle permits one-hand control of this light tool.

WEIGHT . . . . . 2-3/4 lbs.
LENGTH . . . . . 5-3/4"
HEIGHT . . . . . 4"
PAPER SIZE . . . . . 3" x 8"

$64.50

MICHIGAN PNEUMATIC MODEL B332M
VERTICAL SANDER

This Vertical Sander may be used for disc sanding, cup wire brushings, and cup wheel grinding. This tool can do most of the work of a straight sander and is also good for cutting down high spots and smoothing flat surfaces.

No-Load Speed, 6000 rpm. Pad Size, Combination 5, 7, & 9". Air Inlet Thread Size 1/4". Recommended Hose Size 3/8".

WEIGHT . . . . . 8-1/2 lbs.
HEIGHT . . . . . 7"
HP 1/3
CAP . . . . . 7"
SPINDLE . . . . . 5/8 x 11"

$225.00

OTHER MANUFACTURER'S LIST PRICE $325.00

MICHIGAN PNEUMATIC MODEL B332WW
VERTICAL GRINDER

This Vertical Grinder may be used for disc sanding, cup wire brushings, and cup wheel grinding. This tool can do most of the work of a straight grinder and is also good for cutting down high spots and smoothing flat surfaces.

No-Load Speed, 6000 rpm. Pad Size, Combination 5, 7 & 9". Air Inlet Thread Size 1/4". Recommended Hose Size 3/8".

WEIGHT . . . . . 8-1/2 lbs.
HEIGHT . . . . . 7"
HP 1/3
CAP . . . . . 7"
SPINDLE . . . . . 5/8 x 11"

$235.00

OTHER MANUFACTURER'S LIST PRICE $325.00

MICHIGAN PNEUMATIC MODEL 765S
SANDER GRINDER

Outperforms electric models weighing far more. No electrical shock hazard even under the wettest conditions. Even tough jobs like wet sanding acrylics are easy with the heavy-duty 765S Air-Sander. Built-in exhaust blows cuttings away from work, operator and tool.

Capacity . . . . . 7"
No-Load Speed . . . . . 4500 rpm
Pad Size . . . Comb. 5", 7" & 11"
Spindle Size . . . . . 5/8" x 11"
Overall Height . . . . . 7"
Net Weight . . . . . 4 lbs.
Air Inlet Thread Size 1/4
Recommended Hose Size 3/8"

$199.50

GRINDER ACCESSORIES

GRINDING AIDS

COLLETS

For Tools: MP-23000A, MP-20000A, MP-70000A & MP-71000A
C-1001 - 2-pc., 3/8"-24 Thread **$8.00**
C-1002 - 3-pc., 3/8"-24 Thread **$14.50**

C-1025-1/8"
C-1025-1/4"
C-1027-1/8"
C-1027-1/4"
C-1040

COLLET INSERTS

Stock No.	Tool	Price
C-1025-1/4" C-1025-1/8"	MP-23000A MP-20000A	$6.00
C-1025-1/8"	MP-70000A MP-71000A	$6.00
C-1027-1/4" C-1027-1/8"	MP-000-1	$6.00

COLLET ADAPTER (above tools)		
C-1040	1/4" to 1/8"	$3.25
C-1040	1/4" to 3/16"	$3.25

Collets listed are for 1/4" shank-mounted wheels or rotary files. If other sizes are required, send us your inquiries. Extra nuts can be furnished for all collets.

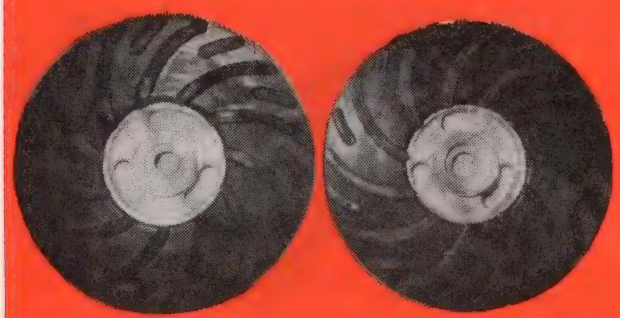
Stock No.	Replaces	Style	Thread	Thread Recessed	Price
C-1001	ARO No. 30489-1	2-piece	3/8"-24	3/8"	$8.00
C-1002	ARO No. 30854-3	3-piece	3/8"-24	3/8"	14.50
C-1008	Ingersoll-Rand No. ROA-390-1/4	2-piece	3/8"-24	1/2"	14.50
C-1009	Black & Decker No. 718504 Master No. U500-36A	2-piece	3/8"-24	1/8"	14.50
C-1010	Black & Decker No. 718587 Master No. U612-36A	2-piece	3/8"-24	1/2"	15.00
C-1012	Rotor No. M1086-1096	2-piece	3/8"-24	1/8"	13.50
C-1013	Thor No. 70480	2-piece	3/8"-24	1/4"	12.50
C-1014	Thor No. 58990	2-piece	3/8"-24	7/16"	15.00

Stock No. C-1001 may also be used in place of Cleco No. 849142
Stock No. C-1008 may also be used in place of Cleco No. 849149
Stock No. C-1012 may also be used in place of Rotor No. M827-1037
Stock No. C-1012 may also be used in place of Buckeye No. Y-373

SPIRALCOOL AIR-COOLED BACKING PADS

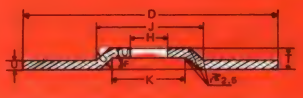
PART NUMBER				
Flexible	Medium	Rigid	SIZE	PRICE
F400-R	R400-R	H400-R	4"	$ 5.40
F500-R	R500-R	H500-R	5"	6.20
F600-R	R600-R	H600-R	6"	7.00
F700-R	R700-R	H700-R	7"	8.60
F800-R	R800-R	H800-R	8"	10.80
F900-R	R900-R	H900-R	9"	10.80

Ideal for all sanding operations on metal, fiberglass, plastics, etc. We recommend the flexible or medium for contour work and the rigid for straight edge work.



GRINDING WHEELS

MP abrasive grinding wheels are reinforced with fiberglass to insure safe operation and long life. In use, natural pores are created as the special Resinoid fillers are melted by grinding heat, constantly renewing high cutting efficiency of the MP grinding wheels. MP wheels are for use on steel of moderate hardness. They are stocked in the most popular kind, size and grade (A24R). Others available on special order.



O.D.	T	Hole H	Thick U	F	J	K	Price
4"	31/64"	5/8"	1/4"	1/4"	2-3/64"	1-3/4"	$2.50
7"	31/64"	7/8"	1/4"	1/4"	2-3/4"	1-57/64"	3.50
*8"	31/64"	7/8"	1/4"	1/4"	2-3/4"	1-57/64"	6.50
9"	31/64"	7/8"	1/4"	1/4"	2-4/5"	1-7/10"	6.50

*Special Order Only

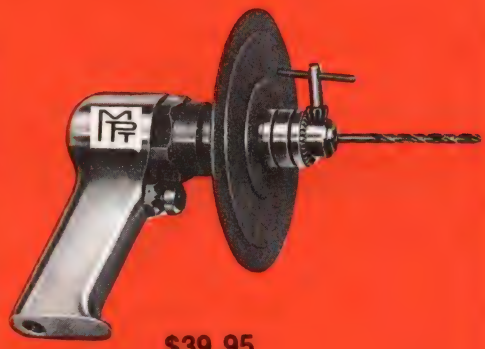
MULTI-PURPOSE TOOLS & DRILLS

MICHIGAN PNEUMATIC MODEL MP200
MULTIPLE PURPOSE TOOL

This power packed easy holding tool is just right for touch-up, feather edging, and production sanding. It is constructed with precision ground working parts and strong aluminum housing for years of carefree service. . . . Grinds, Sands, Drills, Hones, Brushes.

WEIGHT . . . . . 3 lbs.
RPM . . . . . 500 to 18000
CAP . . . . . 1/4"
AIR PRESS . . . . . 125 to 150 lbs.

OTHER MANUFACTURER'S LIST PRICE $97.00



$39.95

MICHIGAN PNEUMATIC MODEL MP400
HEAVY MULTI-PURPOSE TOOL

The Michigan Pneumatic Heavy Multi-Purpose tool is a combination of Grinder Sander, Drill. It is wonderful for buffing, and was designed to drill holes in heavy metal and steel rapidly with no shock of heating hazard. It is also designed for fast work where time is a factor, and where neatness and finish are important.

WEIGHT . . . . . 4 lbs.
RPM . . . . . 50 to 4000
CAP . . . . . 3/8"
AIR PRESS. 100-150 lbs.

OTHER MANUFACTURER'S LIST PRICE $130.00

$66.50

MICHIGAN PNEUMATIC MODEL MP100
TWO-WAY REVERSIBLE 5" SANDER

This tool gives you a new idea of sanding principles. A longer disc life and greater economy. Provides faster stock removal with finer grit and larger pressure, with rugged aluminum housing for years of dependable service. Rotates both clockwise and counterclockwise.

WEIGHT . . . . . 4-3/4 lbs.
RPM 12000
AIR PRESS . . . . . 125 lbs.
CAP . . . . . 5"

OTHER MANUFACTURER'S LIST PRICE $114.00

$49.50

MICHIGAN PNEUMATIC MODEL B3001C LIGHTWEIGHT
1/4" DRILL

Lightweight, compact, well-balanced Michigan Pneumatic air powered drills are designed for dependable daily performance on heavy duty industrial drilling applications within their rated capacities. Pistol grip.

WEIGHT . . . . . 2 lbs.
LENGTH . . . . . 5-1/2"
RPM 2500
CAP . . . . . 1/4"

OTHER MANUFACTURER'S LIST PRICE $175.00

$69.00

MICHIGAN PNEUMATIC MODEL B8009A MEDIUM WEIGHT
5/16" HEAVY DUTY DRILL

A popular heavy duty aircraft drill. Manufactured to interchange with the Aro tool, long a standby in the aircraft industry. A good grip and easy to handle tool—front and exhaust—requires only one air hose.

WEIGHT . . . . . 2-1/2 lbs.
LENGTH . . . . . 6-1/2"
RPM 3000
CAP . . . . . 5/16"

OTHER MANUFACTURER'S LIST PRICE $170.00

$120.00

HEAVY DUTY & CORNER DRILLS

MICHIGAN PNEUMATIC MODEL B-516-1
3/8" PISTOL GRIP DRILL

These drills combine light weight with exceptional power and plenty of reserve to handle continuous production drilling at their maximum rated capacity. Recommended Hose Size—5/16".

HEAVY DUTY

$125.00

WEIGHT.....2-3/4 lbs. RPM 1000
LENGTH .....6-3/4" CAP .....3/8"

OTHER MANUFACTURER'S LIST PRICE $170.00

MICHIGAN PNEUMATIC MODEL B-70016-A
1/2" HEAVY DUTY DRILLS

These Heavy Duty Drills are preferred for production work because they have the absolute smoothness of operation that is so necessary for accurate drilling, reaming, tapping, etc. Auxiliary adjustable handle included. Recommended Hose Size—5/16".

EXTRA HEAVY DUTY

$225.00

WEIGHT .....7 lbs. RPM 1000
LENGTH .....8" CAP .....1/2"

OTHER MANUFACTURER'S LIST PRICE $325.00

PNEUMATIC MODEL 20
CORNER DRILLS

Close-Quarter Drills are among the most powerful on the market today. With this power are strength and durability that keep them on the job and result in low maintenance costs. Their efficiency and low air consumption reduce operating expenses.

$495.00

WEIGHT.....14-3/4 lbs. RPM 310
LENGTH .....21-3/4" 2 MORSE TAPER

OTHER MANUFACTURER'S LIST PRICE $1180.00

PNEUMATIC MODEL 30
CORNER DRILLS

Close-Quarter Drills are among the most powerful on the market today. With this power are strength and durability that keep them on the job and result in low maintenance costs. Their efficiency and low air consumption reduce operating expenses.

$935.00

CAPACITY. . . . . .1-1/4"
WEIGHT .....33 lbs. RPM 185
LENGTH .....25-1/4" 3 MORSE TAPER

OTHER MANUFACTURER'S LIST PRICE $1535.00

PNEUMATIC MODEL 323
CORNER DRILLS

The concise height of this drill makes it perfect for drilling in confined places. It is strong and durable on the job, which thus lowers maintenance costs.

$585.00

RPM .....175 LENGTH .....26"
WEIGHT.....21-1/2 lbs. HEIGHT .....8-1/2"
TAPPING .....1" 2 MORSE TAPER

OTHER MANUFACTURER'S LIST PRICE $1180.00

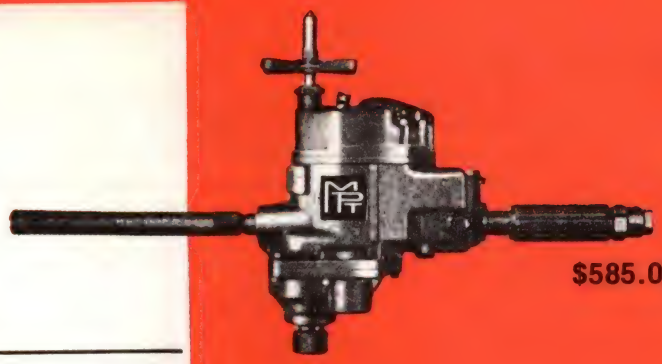
HEAVY DUTY DRILLS

PNEUMATIC MODEL 4J STEEL DRILLS

WEIGHT .....35 lbs.
LENGTH .....15"
RPM .....450 at 90 psi

3 Morse Taper Socket

For reaming and tapping up to 1-inch and tube rolling up to 1-1/2 inches. Has Morse Taper Socket No. 3.



$585.00

OTHER MANUFACTURER'S LIST PRICE $1180.00

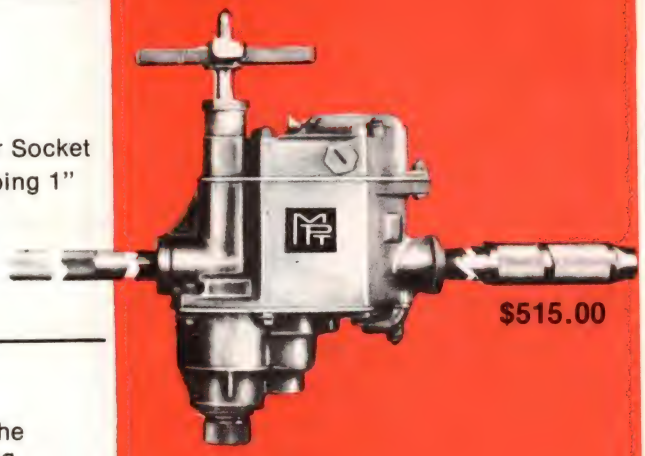
PNEUMATIC MODEL 327 STEEL DRILLS

"D" HANDLE C36927
$8.50

WEIGHT.....27-1/2 lbs.
LENGTH .....14-1/2"
RPM 425

3 Morse Taper Socket
Drills 1" Tapping 1"

For reaming and tapping up to 1-inch and tube rolling up to 1-1/2 inches. Has Morse Taper Socket No. 3.

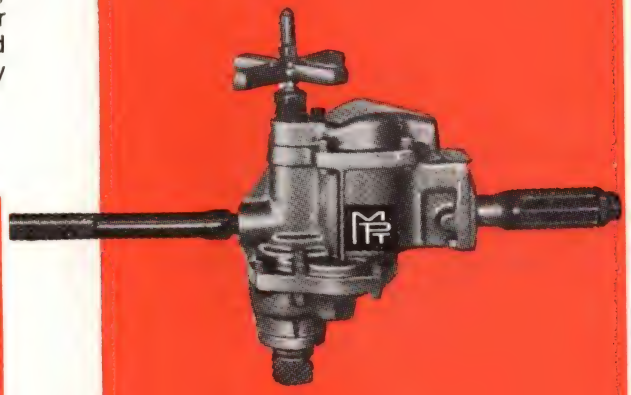


$515.00

OTHER MANUFACTURER'S LIST PRICE $1015.00

MICHIGAN PNEUMATIC REVERSIBLE DRILLS

Heavy Duty Air Drills are preferred for production work because they have the absolute smoothness of operation that is so necessary for accurate drilling, reaming, tapping, nut running, etc. At the same time, they possess the power to keep them up to speed when under a load. They are light in weight and easy to handle. Their power and efficiency make them ideal tools for many jobs that formerly required larger and heavier machines.



Model No.	Drilling Cap.	Reaming Cap.	RPM Free Speed	Morse Taper No.	Net Weight	Other Mfg.'s List Price	Our Price
MP-11R	9/16"	3/8"	1100	1	12	$595.00	$295.00
MP-22R	5/8"	1/2"	900	2	12	595.00	295.00
MP-33R	3/4"	5/8"	750	2	12	665.00	335.00
MP-44R	7/8"	3/4"	600	2	12	970.00	485.00
MP-55R	15/16"	3/4"	800	2	23-1/2	990.00	495.00
MP-66R	1"	7/8"	650	3	23	990.00	495.00
MP-77R	1-1/8"	7/8"	500	3	23	1020.00	510.00
MP-88R	1-1/4"	1"	430	3	23	1120.00	560.00

AIR PUNCH PRESS

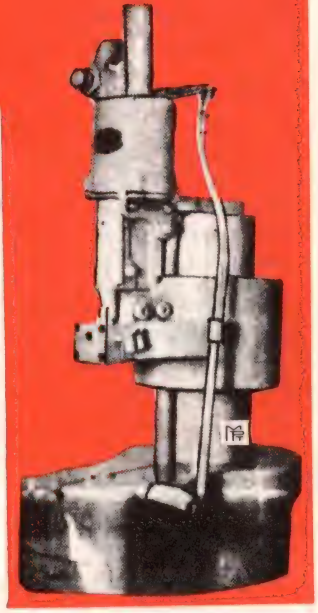
PNEUMATIC MODEL 3351 AIR PUNCH PRESS

An ideal Utility Punch Press, Compression Riveter, Shear, etc. Utilizes a standard CP 351 Head for easy, economical maintenance. This unit features Vernier Gap Adjustment and T-Slatted Bed for fast efficient set ups.

Specifications

Gap .....Adj. 0-8"
Force .....6000 lbs. at 90 psi
Capacity .....3/16" Rivet
High .....Max. 31"
Wide .....10"
Deep .....16"
Stroke .....1/2"
Weight .....280 lbs.

$149.50



OTHER MANUFACTURER'S LIST PRICE $595.00

SAND RAMMERS

MICHIGAN PNEUMATIC MODEL B2BA
SAND RAMMER BUTT 1-1/2"

Quick acting with fast rapid blow, provides greater ease in handling, with a minimum of shock. For fast ramming on small, medium and large flasks on bench or floor. Also used for pit molding, light backfill tamping, ramming of fire clay, carbon and plastic furnace lining.

WEIGHT . . . . . 4.6 lbs. BORE . . . . . 3/4"
LENGTH . . . . . 11-3/4" STROKE . . . . . 2"

$245.00

OTHER MANUFACTURER'S LIST PRICE $522.00

MICHIGAN PNEUMATIC MODEL B1BA
SAND RAMMER BUTT 2"

Lighter weight, more powerful. Streamlined for better holding. Hard and fast hitting. Chrome plated rod. Improved design, more performance. Low maintenance. Built-in oil reservoir.

WEIGHT . . . . . 6.8 lbs. BORE . . . . . 7/8"
LENGTH . . . . . 13-9/16" STROKE . . . . . 2-9/16"

$285.00

OTHER MANUFACTURER'S LIST PRICE $522.00

MICHIGAN PNEUMATIC MODEL B14
SAND RAMMER BUTT 2-1/4"

Hard and fast hitting. Delivers maximum, smooth, efficient work energy. Light in weight . . . improved construction provides ease of operation and control.

WEIGHT . . . . . 12 lbs. BORE . . . . . 1"
LENGTH . . . . . 19-1/8" STROKE . . . . . 4"

$335.00

OTHER MANUFACTURER'S LIST PRICE $580.00

MICHIGAN PNEUMATIC MODEL B1F
SAND RAMMER BUTT 2-3/4"

New automatic valve design eliminates unnecessary maintenance normally encountered by sand and dirt abrasions. New throttle valve design with a non-leak "O" ring, assures positive shut-off.

WEIGHT . . . . . 19-1/2 lbs. BORE . . . . . 1-1/2"
LENGTH . . . . . 44" STROKE . . . . . 5"

$375.00

OTHER MANUFACTURER'S LIST PRICE $600.00

MICHIGAN PNEUMATIC MODEL MP-F4
SAND RAMMER BUTT 4"

Air line lubrication assures frictionless operation and long service life. Chrome plated piston rod resists wear caused by dirt and sand abrasive action. New type piston rod packing seals off penetration of sand and dirt into working part of the Rammer. Piston rod packing and adjustments performed on the job without need of special tools.

$395.00

WEIGHT 26.5
LENGTH . . . . . 44"
BORE . . . . . 1.57"
STROKE . . . . . 5"

OTHER MANUFACTURER'S LIST PRICE $595.00

MICHIGAN PNEUMATIC RAMMER ACCESSORIES

RAMMER BUTTS

For use in all standard and floor Rammers. Specify Taper when ordering. Made of the finest Neoprene. Highly resistant to wear and oil.

2-1/2" DIAMETER $7.50
3-1/4" DIAMETER 8.50
4" DIAMETER 12.50
5" DIAMETER 14.50

for TAMPERS

HEAVY DUTY STEEL
6" BRAND NEW $10

THROTTLE HANDLES

Fit All Floor Rammers

NEW PRICE
$55.00

REVERSIBLE IMPACT WRENCHES

MICHIGAN PNEUMATIC MODEL 5020
IMPACT WRENCH

This model has adjustable power regulator which is applicable in assembly factories of rolling stock and electrical appliances. Designed for close quarter work.

$179.00

WEIGHT . . . . . 2.9 lbs.	LENGTH . . . . . 6-1/32"
CAPACITY . . . . . 1/4"	AIR INLET THREAD . . 1/4"
DRIVE SQUARE . . . . . 3/8"	MIN. HOSE SIZE . . . . 3/8"

OTHER MANUFACTURER'S LIST PRICE $370.00

1/4" Bolt Cap.

MICHIGAN PNEUMATIC MODEL B3344
IMPACT WRENCH

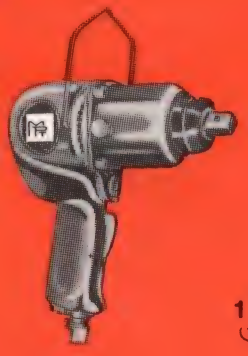
The 3344 is a heavy duty 1/2" Impact Wrench. It is the industrial type designed for production use. The 7" overall length is practical in close quarter nut running applications.

OPTIONAL: B3344-2 is fitted with a 2" extended anvil

$249.00

WEIGHT . . . . . 6.6 lbs.	LENGTH . . . . . 7"
CAPACITY . . . . . 1/2"	AIR INLET THREAD . . 1/4"
DRIVE SQUARE . . . . . 1/2"	MIN. HOSE SIZE . . . . 3/8"

OTHER MANUFACTURER'S LIST PRICE $380.00



1/2" Bolt Cap.

MICHIGAN PNEUMATIC MODEL MP612
IMPACT WRENCH

This light, compact MPT-612 wrench is available with 1-1/4 bolt capacity. This tool is recommended for heavy assembly work such as encountered in fleet, spring and farm equipment shops. Comes complete with "D" handle and standard 1" square drive.

$275.00

WEIGHT . . . . . 19-1/2 lbs.	LENGTH . . . . . 10-1/4"
CAPACITY . . . . . 1-1/4"	AIR INLET THREAD . . 1/2"
DRIVE SQUARE . . . . . 1"	MIN. HOSE SIZE . . . . 1/2"

OTHER MANUFACTURER'S LIST PRICE $485.00

1-1/4" Bolt Cap.

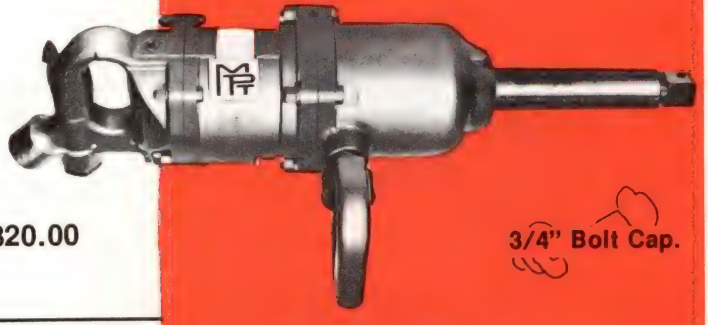
MICHIGAN PNEUMATIC MODEL B3600M-6
IMPACT WRENCH

Reversible Impact Wrenches are lightweight. Tremendous tightening and loosening power.

WEIGHT . . . . . 22 lbs.	LENGTH . . . . . 20"
CAPACITY . . . . . 3/4"	AIR INLET THREAD . . 3/8"
DRIVE SQUARE . . . . . 3/4"	MIN. HOSE SIZE . . . . 1/2"

$320.00

OTHER MANUFACTURER'S LIST PRICE $790.00



3/4" Bolt Cap.

MICHIGAN PNEUMATIC MODEL B3650M-6
IMPACT WRENCH

This Michigan Pneumatic Impact Wrench has a terrific power-to-weight ratio. It has a long trouble-free working life with ball bearings, steel clutch housing, and hardened steel end plates. Trigger shift lets you go forward to reverse instantly.

$420.00

WEIGHT . . . . . 30 lbs.	LENGTH . . . . . 23"
SQUARE DRIVE . . . . . 1"	BOLT CAP . . . . . 1-1/4"

OTHER MANUFACTURER'S LIST PRICE $960.00

1-1/4" Bolt Cap.

SPLINE DRIVES AVAILABLE

REVERSIBLE IMPACT WRENCHES

MICHIGAN PNEUMATIC MODEL B3600M
IMPACT WRENCH $295.00

Factory new. This MP Impact Wrench has a terrific power-to-weight ratio. It has a long trouble-free working life with ball bearings, steel clutch housing, and hardened steel end plates. Trigger shift lets you go forward to reverse instantly.

3/4" Bolt Cap.

WEIGHT .....22 lbs. LENGTH .....15"
SQUARE DRIVE....3/4" BOLT CAP .....3/4"

OTHER MANUFACTURER'S LIST PRICE $600.00

SPLINE DRIVES AVAILABLE

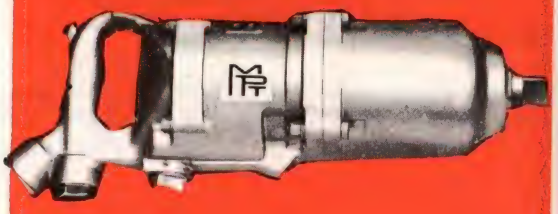
MICHIGAN PNEUMATIC MODEL B3650M
IMPACT WRENCH $395.00

Factory new. This MP Impact Wrench has a terrific power-to-weight ratio. It has a long trouble-free working life with ball bearings, steel clutch housing, and hardened steel end plates. Trigger shift lets you go forward to reverse instantly.

1-1/4" Bolt Cap.

WEIGHT .....30 lbs. LENGTH .....18"
SQUARE DRIVE.....1" BOLT CAP.....1-1/4"

OTHER MANUFACTURER'S LIST PRICE $950.00



SPLINE DRIVES AVAILABLE

REVERSIBLE "AUTO-IMPAX"

MICHIGAN PNEUMATIC MODEL MP821
IMPACT WRENCH $95.00

3/8" Bolt Cap

WEIGHT.....2-1/2 lbs. LENGTH .....5-3/4"
CAPACITY .....3/8" AIR INLET THREAD 1/4"
DRIVE SQUARE....3/8" MIN. HOSE SIZE ...3/8"

This tool is equipped with convenient one hand forward/reverse button, and built in power regulator. Tool can accept most angle head attachments.

OTHER MANUFACTURER'S LIST PRICE $149.00

MICHIGAN PNEUMATIC MODEL MP-840
IMPACT WRENCH $95.00

The MP-840 is a heavy duty air wrench. It is equipped with rubber scuff guards, front and back, for additional housing protection. It has as standard a built in power regulator, positive torque output.

WEIGHT .....6 lbs. LENGTH .....6-7/8"
CAPACITY .....1/2" AIR INLET THREAD 1/4"
DRIVE SQUARE....1/2" MIN. HOSE SIZE ...3/8"

1/2" Bolt Cap.

OTHER MANUFACTURER'S LIST PRICE $149.00

MICHIGAN PNEUMATIC MODEL MP-1100
IMPACT WRENCH $199.50

This compact and lightweight wrench has adjustable built in power regulator for stabilized torque strength, muffled sound, high durability and low maintenance. Trigger shift lets you go forward to reverse instantly.

WEIGHT.....9.5 lbs. LENGTH .....9-11/64"
CAPACITY .....3/4 AIR INLET THREAD 1/4"
DRIVE SQUARE.....3/4 MIN. HOSE SIZE ...1/4"

3/4" Bolt Cap.

OTHER MANUFACTURER'S LIST PRICE $275.00

REVERSIBLE "AUTO-IMPAX"

MICHIGAN PNEUMATIC MODEL 1200

IMPACT WRENCH 1/2" Square Drive **$119.00**

Overhauling and servicing-dismantling and reassembly of automobiles, panel trucks and their engines and transmissions. • Tire repair shops-tightening and loosening nuts on wheels of motorcycles and autos of all makes. • Agricultural machinery-cultivators, tractors etc. • The factory-fabricating operations.

CAPACITY (MAX.) ....1/2" Std. Bolts
TORQUE RANGE .....21-210 ft-lbs.
AVG. AIR CONS .....4.2 CFM
NET WEIGHT .....4.2 lbs.

OTHER MANUFACTURER'S LIST PRICE $175.00

MICHIGAN PNEUMATIC MODEL 7400 $179.00
IMPACT WRENCH 1/2" Square Drive

Automotive servicing-attaching and removal of the "U" bolts of 1-1/2 ton trucks and those of lighter vehicles. Engine and chassis work on large and small type autos. • Tire changing-tightening and loosening nuts on vehicles up to 2 tons. • Gas Stations-minor maintenance jobs. • Farm machinery repairing-cultivators, tractors and various implements.

CAPACITY (MAX.) ....5/8" Std. Bolts
TORQUE RANGE .....43-375 ft-lbs.
AVG. AIR CONS .....5.0 CFM
NET WEIGHT .....6.4 lbs.

OTHER MANUFACTURER'S LIST PRICE $295.00

MICHIGAN PNEUMATIC MODEL 2000 $295.00
IMPACT WRENCH 3/4" Square Drive

Automotive servicing-for the tires of 2 ton vehicles and for managing their "U" bolts. Also Engine overhauling of trucks. • Tire shop-removal and tightening nuts on wheels of 2 ton vehicles.

CAPACITY (MAX.) ....3/4" Std. Bolts
TORQUE RANGE .....72-525 ft-lbs.
AVG. AIR CONS .....7.8 CFM
NET WEIGHT .....9.6 lbs.

OTHER MANUFACTURER'S LIST PRICE $420.00

MICHIGAN PNEUMATIC MODEL 3200P $395.00
IMPACT WRENCH 1" Square Drive

Best suited for managing "U" bolts because of its shortness and maneuverability. Gets into the cramped spaces of chassis frames.

CAPACITY (MAX.)...1-1/4" Std. Bolts
TORQUE RANGE .....290-1000 ft-lbs.
AVG. AIR CONS .....19.6 CFM
NET WEIGHT .....26.2 lbs.

OTHER MANUFACTURER'S LIST PRICE $610.00

MICHIGAN PNEUMATIC MODEL 3200G $395.00
IMPACT WRENCH 1" Square Drive

Manages with ease the tire nuts of big trucks and buses.
Optional NW-3200GL-6L is fitted with a 6" extended anvil.
NW-3200GL-8L is fitted with a 8" extended anvil.

CAPACITY (MAX.)...1-1/4" Std. Bolts
TORQUE RANGE .....290-1000 ft-lbs.
AVG. AIR CONS .....10.6 CFM
NET WEIGHT .....26.8 lbs.

OTHER MANUFACTURER'S LIST PRICE $610.00

TORQUE IMPACT WRENCHES

MICHIGAN PNEUMATIC MODEL MP-3344
TORQUE IMPACT WRENCH

This Michigan Pneumatic Impact Wrench has a terrific power-to-weight ratio. It has a long trouble-free working life with ball bearings, aluminum clutch housing, and hard brass end plates. Trigger shift lets you go forward to reverse instantly.

$385.00

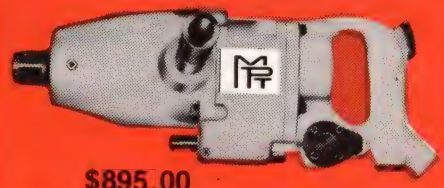
WEIGHT .....8 lbs.
CAPACITY .....9/16"
DRIVE SQUARE....1/2"
LENGTH .....9"
AIR INLET THREAD 1/4"
MIN. HOSE SIZE ...3/8"

OTHER MANUFACTURER'S LIST PRICE $585.00

MICHIGAN PNEUMATIC MODEL B6100T
TORQUE IMPACT WRENCH

TORQUE RANGE—UP TO 1450 FT. LBS.
SPLINE DRIVES AVAILABLE

This tool is ideal for extra heavy duty jobs eliminating the use of hand wrenches. SAVE manpower by toolpower.



$895.00

WEIGHT .....22 lbs.
LENGTH .....16-1/4"
SQUARE DRIVE .....1"
BOLT CAP .....1-1/4"

OTHER MANUFACTURER'S LIST PRICE $1135.00

SPECIAL IMPACT WRENCHES

MICHIGAN PNEUMATIC MODEL B5777
IMPACT WRENCH

This tool is ideal for extra heavy duty jobs eliminating the use of hand wrenches. SAVE manpower by toolpower.

$1475.00

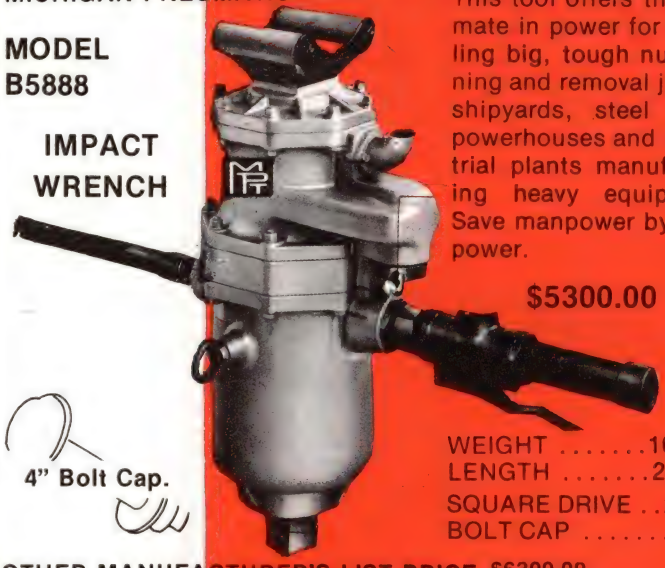
WEIGHT .....64 lbs.
LENGTH .....22-1/4"
SQUARE DRIVE ..1-1/2"
BOLT CAP .....2"

OTHER MANUFACTURER'S LIST PRICE $2160.00

MICHIGAN PNEUMATIC
MODEL B5888
IMPACT WRENCH

This tool offers the ultimate in power for handling big, tough nut running and removal jobs in shipyards, steel mills, powerhouses and industrial plants manufacturing heavy equipment. Save manpower by toolpower.

$5300.00



WEIGHT .....167 lbs.
LENGTH .....24-1/2"
SQUARE DRIVE ..2-1/2"
BOLT CAP .....4"

OTHER MANUFACTURER'S LIST PRICE $6300.00

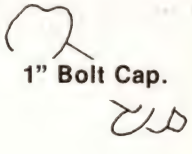
MICHIGAN PNEUMATIC MODEL B3600 RAN
IMPACT WRENCH

$780.00

WEIGHT.....30.8 lbs.
SQUARE DRIVE....3/4"
LENGTH .....16-5/32"
BOLT CAP .....3/4"

OTHER MANUFACTURER'S LIST PRICE $1115.00

MICHIGAN PNEUMATIC MODEL B3650 RAN
IMPACT WRENCH



$995.00

WEIGHT.....39.6 lbs.
SQUARE DRIVE.....1"
LENGTH .....17-3/8"
BOLT CAP .....1"

OTHER MANUFACTURER'S LIST PRICE $1375.00

HEX SOCKETS

3/8" SQUARE DRIVE

SIZE	NO.	PRICE
5/16"	7210H	$1.57
3/8	7212H	1.57
7/16	7214H	1.57
1/2	7216H	1.57
9/16	7218H	1.57
5/8	7220H	1.77
11/16	7222H	1.96
3/4	7224H	2.10

1/2" SQUARE DRIVE

SIZE	NO.	PRICE
3/8"	7412H	$1.77
7/16	7414H	1.77
1/2	7416H	1.77
9/16	7418H	1.77
5/8	7420H	1.87
11/16	7422H	1.96
3/4	7424H	1.96
13/16	7426H	2.50
7/8	7428H	2.70
15/16	7430H	3.03
1	7432H	3.18
1-1/16	7434H	3.86
1-1/8	7436H	3.86
1-3/16	7438H	4.04
1-1/4	7440H	4.37

5/8" SQUARE DRIVE

SIZE	NO.	PRICE
9/16	7618H	$3.35
5/8	7620H	3.35
11/16	7622H	3.35
3/4	7624H	3.35
13/16	7626H	3.35
7/8	7628H	3.49
15/16	7630H	3.71
1	7632H	3.71
1-1/16	7634H	4.37
1-1/8	7636H	5.00
1-3/16	7638H	5.34
1-1/4	7640H	5.34
1-15/16	7642H	6.24
1-3/8	7644H	7.11
1-7/16	7646H	7.45
1-1/2	7648H	7.92

UNIVERSAL JOINTS

SIZE	NO.	PRICE
1/2"	7470	$ 9.88
5/8	7670	11.78
3/4	7570	17.05
1	10670	26.76

3/4" SQUARE DRIVE

SIZE	NO.	PRICE
9/16	07509	$4.77
5/8	07510	4.77
11/16	07511	4.77
3/4	07512	4.77
13/16	07513	4.77
7/8	07514	4.77
15/16	07515	4.77
1	07516	4.77
1-1/16	07517	5.00
1-1/8	07518	5.53
1-3/16	07519	5.68
1-1/4	07520	6.08
1-5/16	07521	6.78
1-3/8	07522	7.11
1-1/2	07524	7.77

1" SQUARE DRIVE

SIZE	NO.	PRICE
3/4	10012	$7.69
13/16	10013	7.69
7/8	10014	7.69
15/16	10015	7.69
1	10016	7.69
1-1/16	10017	7.69
1-1/8	10018	7.69
1-3/16	10019	7.69
1-1/4	10020	7.92
1-5/16	10021	8.34
1-3/8	10022	8.34
1-7/16	10023	8.57
1-1/2	10024	9.22
1-9/16	10025	9.64
1-5/8	10026	10.10
1-11/16	10027	10.75
1-3/4	10028	11.46
1-13/16	10029	11.89
1-7/8	10030	12.13
1-15/16	10031	13.43
2	10032	14.34
2-1/16	10033	14.71
2-1/8	10034	17.30
2-3/16	10035	17.71
2-1/4	10036	18.51
2-5/16	10037	18.91
2-3/8	10038	24.91
2-7/16	10039	27.50
2-1/2	10040	28.71
2-9/16	10041	31.85
2-5/8	10042	34.36
2-11/16	10043	35.71
2-3/4	10044	35.71
2-13/16	10045	35.94
2-7/8	10046	43.59
2-15/16	10047	45.91
3	10048	45.91
3-1/8	10050	49.14
3-1/4	10052	59.83

1-1/2" SQUARE DRIVE

SPECIAL ORDER ONLY

SIZE	NO.	PRICE	SIZE	NO.	PRICE
1-3/8"	15022	$26.02	2-3/16"	15035	$29.33
1-7/16	15023	26.02	2-1/4	15036	29.33
1-1/2	15024	26.02	2-1/2	15040	36.12
1-5/8	15026	26.02	2-3/4	15044	44.00
1-3/4	15028	26.02	3	15048	68.91
1-7/8	15030	26.02	3-3/8	15054	84.45
2	15032	28.12	3-1/2	15056	86.68

IMPACT WRENCH ACCESSORIES

$19.50

1/2" SQUARE DRIVE SOCKET SET

HEX SOCKETS
11 - 6 POINT 7/16" to 1-1/16"

EXTENSIONS		
Drive	Length	Price
7175P	3/8 x 3	$ 3.18
7176P	3/8 x 6	3.71
7180P	1/2 x 2	3.91
7181P	1/2 x 5	4.51
7183-00	1/2 x 10	4.94
7185P	5/8 x 8	6.56
5660	3/4 x 4	8.59
07567	3/4 x 7	12.88
10607	1 x 7-1/2	19.83

ADAPTERS			
	Drive Size		
No.	Female	Square	Price
5253	3/8"	1/2"	$ 2.76
5254	1/2"	3/8"	3.27
7654	1/2"	5/8"	3.91
7655	5/8"	1/2"	4.37
7656	5/8"	3/4"	5.55
7657	3/4"	5/8"	7.60
07655	3/4"	1"	7.63
10004	1"	1-1/2"	21.66
07656	1"	3/4"	10.04

HEX SHANK ADAPTERS				
No.	Square Drive	Hex Drive	Length	Price
7102	1/4"	1/4"	2"	$2.70
208-2	3/8"	1/4"	2"	3.15
210-3	3/8"	5/16"	2-1/2"	3.15
214-2	3/8"	7/16"	1-5/8"	3.15
7111	3/8"	7/16"	3-3/4"	3.21
7131	1/2"	5/8"	3"	3.60
7133	1/2"	5/8"	5"	4.28
7151	5/8"	5/8"	3"	4.64
430-5	5/8"	5/8"	5"	6.75
520-3	3/4"	5/8"	3"	8.65

HARD HITTING RIVETERS

MICHIGAN PNEUMATIC MODEL B104
AIR HAMMER LIGHT HITTING

WEIGHT . . . . . 3 lbs.
LENGTH . . . . . 5"

The B104 hammers are designed for light hitting mechanical work. Cuts rivets off ball joints, king pins, etc. Also used for ripping, punching, driving or practically anything. Fast removal of exhaust system panel cutting.

OTHER MANUFACTURER'S LIST PRICE $49.95

$34.95

MICHIGAN PNEUMATIC MODEL B102
AIR HAMMER HEAVY HITTING

WEIGHT . . . . . 4 lbs.
LENGTH . . . . . 6"

The B102 hammers are designed for heavy duty mechanical work. Cuts rivets off ball joints, shackle pins, universal joints, king pins, etc. Also used for ripping, punching, driving or practically anything.

The MP 100 series hammer doubles the striking power of any air pressure, and accelerates to 3500 strokes per minute. Most types of chisels, tools and accessories of hammers are interchangeable with the MP.

OTHER MANUFACTURER'S LIST PRICE $69.50

$49.95

MICHIGAN PNEUMATIC MODEL MP2040
ONE SHOT RIVETER

This tool is widely used in place of conventional vibrating type riveting hammers where the presence of vibration is objectionable. It is easy to hold in proper location on flush head rivets. When riveting thin sections deflection and stretch of the sheets can be eliminated by using this tool on the driven head end of the rivet.

LENGTH . . . . . 8-1/8" BORE . . . . . 7/8"
WEIGHT . . . . . 3-1/2 lbs. STROKE . . . . . 6"
RIVET CAP . . . . . 1/8" AIR INLET SIZE . . . . . 1/4"

OTHER MANUFACTURER'S LIST PRICE $325.00

$95.00

MICHIGAN PNEUMATIC MODEL B103
AIR HAMMER MEDIUM HITTING

WEIGHT . . . . . 3-1/2 lbs.
LENGTH . . . . . 5-1/2"

The B103 hammers are designed for medium hitting mechanical work. Cuts rivets off ball joints, king pins, etc. Also used for ripping, punching, driving or practically anything. Fast removal of muffler exhaust system, panel cutting.

OTHER MANUFACTURER'S LIST PRICE $59.95

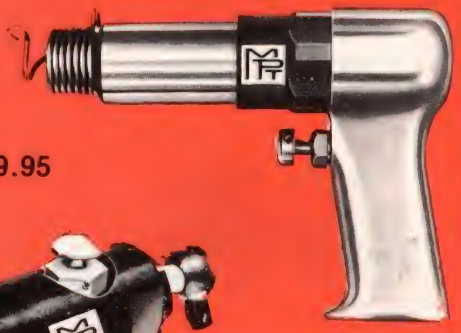
$39.95

MICHIGAN PNEUMATIC MODEL B101
AIR HAMMER EXTRA HEAVY DUTY

WEIGHT . . . . . 4-1/2 lbs.
LENGTH . . . . . 7-1/2"

The B101 hammers are designed for heavy duty mechanical work. Cuts rivets off ball joints, shackle pins, universal joints, king pins, etc. Also used for ripping, punching, driving or practically anything. The MP 100 series hammer doubles the striking power of any air pressure, and accelerates to 3500 strokes per minute. Most types of chisels, tools and accessories of hammers are interchangeable with the MP.

OTHER MANUFACTURER'S LIST PRICE $79.50



$59.95

MICHIGAN PNEUMATIC MODEL MP 4590
CORNER HAMMERS

The outstanding feature of the Corner Riveter is its short overall length. This permits driving small rivets in close quarters in an extremely rapid series of light blows, where conventional hammers cannot reach. It is strong and durable on the job, which reduces maintenance costs. It is also well suited for light peening, chipping and vibrating.

OTHER MANUFACTURER'S LIST PRICE $325.00

$95.00

LENGTH . . . . . 3-15/16"
WEIGHT . . . . . 1-3/4 lbs.
RIVET CAP . . . . . 1/8"
BORE . . . . . 11/16"
STROKE . . . . . 1"

RIVETERS

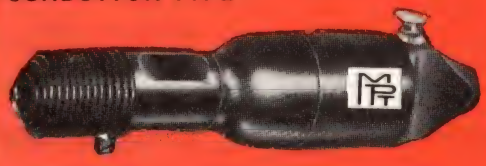
MICHIGAN PNEUMATIC MODEL MP 20X
LIGHT DUTY RIVETER

SPECIFICATIONS	PUSH BUTTON	PISTOL GRIP	OFFSET GRIP
Dural	1/8"	1/8"	1/8"
Steel	3/32"	3/32"	3/32"
Bore & Stroke	1/2"x2-1/4"	1/2"x2-1/4"	1/2"x2-1/4"
Blows per Minute	2580	2580	2580
Air Inlet Thrd Size (NPT)	1/4"	1/4"	1/4"
Overall Length with Retainer	8"	8-3/16"	6-11/16"
Net Weight	2 lbs.	3-7/8 lbs.	2-1/4 lbs.
PRICE	$105.00	$105.00	$105.00

OTHER MANUFACTURER'S LIST PRICE $185.00

OFFSET TYPE

PUSHBUTTON TYPE



MICHIGAN PNEUMATIC MODEL MP 30X
MEDIUM LIGHT DUTY RIVETER

SPECIFICATIONS	PUSH BUTTON	PISTOL GRIP	OFFSET GRIP
Dural	3/16"	3/16"	3/16"
Steel	5/32"	5/32"	5/32"
Bore & Stroke	1/2"x2-7/8"	1/2"x2-7/8"	1/2"x2-7/8"
Blows per Minute	2160	2160	2160
Air Inlet Thrd Size (NPT)	1/4"	1/4"	1/4"
Overall Length with Retainer	8-5/8"	9-13/16"	7-5/16"
Net Weight	2-1/2 lbs.	4 lbs.	2-5/16 lbs.
PRICE	$105.00	$105.00	$105.00

OTHER MANUFACTURER'S LIST PRICE $185.00

MICHIGAN PNEUMATIC MODEL MP 40X
MEDIUM DUTY RIVETER

SPECIFICATIONS	PUSH BUTTON	PISTOL GRIP	OFFSET GRIP
Dural	1/4"	1/4"	1/4"
Steel	3/16"	3/16"	3/16"
Bore & Stroke	1/2"x3-1/16"	1/2"x3-1/16"	1/2"x3-1/16"
Blows per Minute	1740	1740	1740
Air Inlet Thrd Size (NPT)	1/4"	1/4"	1/4"
Overall Length with Retainer	9-5/8"	10-13/16"	8-5/16"
Net Weight	2-1/2 lbs.	4-1/2 lbs.	8-5/16 lbs.
PRICE	$105.00	$105.00	$105.00

OTHER MANUFACTURER'S LIST PRICE $185.00

MICHIGAN PNEUMATIC MODEL MP 50X
HEAVY DUTY RIVETER

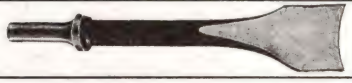
SPECIFICATIONS	PISTOL GRIP	OFFSET GRIP
Dural	1/4"	1/4"
Steel	3/16"	3/16"
Bore & Stroke	3/4" x 2-11/16"	3/4" x 2-11/16"
Blows per Minute	1560	1560
Air Inlet Thrd Size (NPT)	1/4"	1/4"
Overall Length with Retainers	11-3/4"	8-15/16"
Net Weight	7 lbs.	4-3/4 lbs.
PRICE	$150.00	$150.00

OTHER MANUFACTURER'S LIST PRICE $265.00

CHISELS AND ACCESSORIES

MICHIGAN PNEUMATIC .401 HEAVY DUTY CHISELS

For all Light Riveting Hammers, Panel Cutters and Zip Guns with .401 Parker Taper Bushing.

BLANK OR STRAIGHT PUNCH		$3.00
RIVET & BOLT CUTTER		$3.25
TAPER PUNCH		$3.25
FLAT CHISEL		$3.25
SCRAPER		$3.50
BODY RIPPER		$4.25
DOUBLE BLADED PANEL CUTTER		$4.25
MUFFLER CUTTER		$4.25
BUSHING CUTTER & SPLITTER		$4.25
BUSHING REMOVER		$3.95
TAILPIPE CUTTER		$3.95
TIE ROD TOOL		$5.95
BALL JOINT SEPARATOR		$8.95
FLANGING TOOL		$11.95

MICHIGAN PNEUMATIC SAFETY CHUCK CHISEL HOLDER

NEW SAFETY FEATURE

FITS ALL PNEUMATIC HAMMERS

Prevents accidents, locks chisel firmly in place. Quick change chisels by turning 1 turn to the left. To lock chisel in place turn Safety Chuck 1 turn to the right. No springs to break.

$4.95

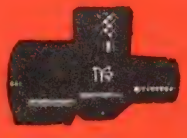
MICHIGAN PNEUMATIC RETAINER SPRINGS

$.95

BEE HIVE **UNIVERSAL**

Please specify type when ordering.

MICHIGAN PNEUMATIC AIR INLET REGULATOR



1/4" NPT at each end **$3.95**

MICHIGAN PNEUMATIC AIR BLOW GUN

- 45° Nozzle
- Only one Moving Part
- Handy Hang-Up Hook

$2.95

SETS, DIES & ANVILS FOR AIR BUCKS

$55.00

$3.75 **$4.25**

NAIL DRIVER SET

$20.00

for use with tools having 401 SHANK
MP 401 - 375 (3/8" Dia. Nail Head)
MP 401 - 500 (1/2" Dia. Nail Head)

$21.00

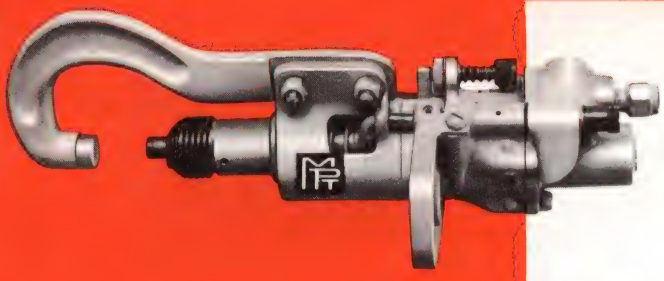
for use with tools having A-498 SHANK
MP 498 - 500 (1/2" Dia. Nail Head)
MP 498 - 625 (5/8" Dia. Nail Head)

MARVEL AIR TOOL OIL

QUART

GALLON

RIVETERS



Weight . . . . . 11-5/8 lbs. Length . . . . . 13-1/2"
Blows/Min. . . . . 2100 Rec. Hose Size . . . . 5/16"

MICHIGAN PNEUMATIC MODEL MP1300-1 $270.00

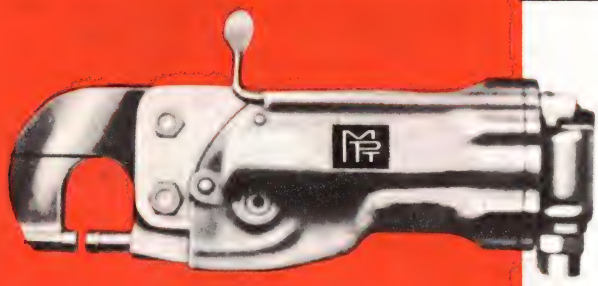
"AIR BUCK" RIVETER or

PLATING RACK VIBRATOR

This riveter is used extensively in the aircraft industry for dimpling work. It can be used in all types of manufacturing for dural, soft iron, or aluminum rivets, by regulating the air pressure and a combination of controlling the barrel travel. This tool can also punch holes in steel or aluminum sheets, and can also be used as a plating rack cleaner and vibrator.

CAP. 3/32" to 1/4" RIVETS, 1/4" HOLES

OTHER MANUFACTURER'S LIST PRICE $370.00



MICHIGAN PNEUMATIC MODEL B2144C $375.00

COMPRESSION RIVETER

This strong, silent tool is used to squeeze a large variety, size and type of rivets.

MAX. TRAVEL . . . . . 9/16" RIVET CAP. Alum. . . . . 3/32"
YOKE REACH . . . . . 1-1/2" Steel . . . . . 5/32"
WEIGHT . . . . . 4-1/2 lbs.

OTHER MANUFACTURER'S LIST PRICE $425.00

MICHIGAN PNEUMATIC MODEL B2144A $375.00

COMPRESSION RIVETER

This strong, silent tool is used to squeeze a large variety, size and type, of rivets. It insures exceptional uniformity and accuracy. It can also be used for dimpling, staking, stamping, punching, and pressing.

MAX. TRAVEL . . . . . 5/8" RIVET CAP. Alum. . . . . 3/32"
YOKE REACH . . . . . 1-1/2" Steel . . . . . 5/32"
WEIGHT . . . . . 5-1/2 lbs.

OTHER MANUFACTURER'S LIST PRICE $510.00

Power . . . . . 6000 lbs. Air Hose . . . . . 1/4"
Rivet Cap. Dural . . . . 3/16" Set Travel . . . . . 9/16"
Steel . . . . 5/32" Recom. Line Press. 90 lbs.
Stand. Yoke Rch. 1½" or 2" Weight (stand. yoke) 6 lbs.

MICHIGAN PNEUMATIC MODEL MP6000 $360.00

COMPRESSION RIVETER

Their quiet operation and light weight are just two of several features which have made Pact Compression Tools the most popular in a wide range of industries. They have been designed and manufactured to be practically indestructible. The needle roller bearings used are another reason why these compression tools have a reputation for lifetime, trouble-free operation.

OTHER MANUFACTURER'S LIST PRICE $460.00

ARBOR PRESSES

MICHIGAN PNEUMATIC ARBOR PRESSES

Michigan Pneumatic Arbor Presses are designed to give the utmost in reliable service. The frames are of semi-steel construction. MP rams and pinions are precision cuts from special steel and thoroughly performance tested.

ALL DIMENSIONS IN INCHES

Press No.	Dia of Work	Capacity Over Table	Capacity Over Table	Size & Length of Ram	Leverage Ratio	Tons Pressure Approx.	Max. Arbor Capacity	Press Ht.	Base Size	Shipping Weight Lbs.	PRICE
0	4½	4½	4	¾ x ¾ x 7½	20:1	½	1-1/8	10	4x9½	19 lbs.	$60.75
1	8	5½	4-5/8	1x1x9½	25:1	1	1-3/8	12	5x11	33 lbs.	77.50
2	13	8½	7-3/4	1¼ x 1¼ x 14	35:1	2	1-3/4	17	6¾ x 16	84 lbs.	143.00
33	15	12½	11½	1½ x 1½ x 18	50:1	3	2½	21½	8x18	155 lbs.	225.00

BLIND RIVETERS

MICHIGAN PNEUMATIC MODEL 702K

HAND RIVET GUN KIT

Sets with a simple, quick adjustment of the nozzle. The only tool of its kind that can be operated easily with one hand, with the other hand on work. Complete with hand gun, steel box and full assortment of rivets. Sets rivets twice as fast!

SETS .....1/8, 5/32, and 3/16" rivets

OTHER MANUFACTURER'S LIST PRICE $47.95

$22.95

MICHIGAN PNEUMATIC MODEL B8997-20

"POP" RIVETER

SETS 7/64, 1/8" Monel rivets 1/8, 5/32" Aluminum rivets

WEIGHT .....7 lbs.
PSI .....75 lbs.

Because of their unique design, "POP" Rivets provide design and production engineers with a new concept in fastening convenience. Whether you make planes, missiles, metal furniture, toys or boats, roofs, gutters, signs, or construct buildings, you will find "POP" Rivets offer production savings and improved fastening flexibility.

OTHER MANUFACTURER'S LIST PRICE $149.95

$72.50

MICHIGAN PNEUMATIC MODEL 8

AIR SNAPO

Easy finger pressure on button switch provides fast, vibration free hydraulic action. Comes complete with metal carrying case.

NOZZLE BUSHINGS ..1/8, 5/32 3/16" rivets
WEIGHT .....3-1/2 lbs.

AIR HYDRAULIC POWER GUN

OTHER MANUFACTURER'S LIST PRICE $130.00

$119.50

MICHIGAN PNEUMATIC MODEL PRG 510

PNEUMATIC "POP" RIVETER

This popularly priced pneumatic "POP" Riveter is designed for high production, trouble-free riveting.

AIR PRESSURE .....85 psi max.
WEIGHT .....4 lbs.
AIR COMSUMP. ....008 cf./rivet

SETS .....1/8, 5/32, and 3/16" rivets

$129.50

MICHIGAN PNEUMATIC MODEL PRG 520A

AIR HYDRAULIC "POP" RIVETER

Light weight Air-Hydraulic tool in the medium price range. Designed for portability and high production riveting.

AIR PRESSURE .....80 psi max.
WEIGHT .....2 lbs. 11 oz.
AIR CONSUMP .....008 cf./rivet

SETS .....3/32, 1/8, 5/32, 3/16 rivets

$207.50

MICHIGAN PNEUMATIC MODEL PRG 540

AIR HYDRAULIC "POP" RIVETER

Heavy-duty Air-Hydraulic riveter ideal for high production riveting. Sets entire range of "POP" rivets.

AIR PRESSURE .....85 psi
WEIGHT .....4 lbs. 8 oz.
AIR CONSUMP. ....019 cf./rivet

$321.50

CONCRETE SCALERS & SPECIAL EQUIPMENT

MICHIGAN PNEUMATIC ATOMUFFLER EXHAUST SILENCER

ATOMUFFLER is noted for its remarkable versatility and range of applications. Designed for any degree of flow or pressure - constant or variable - it may be mounted in any position directly on the exhaust part of the equipment. ATOMUFFLER's radial full-flow design eliminates the need for individually engineered muffler systems. Typical applications are: • PUMPS • BLOWERS • AIR TOOLS • COMPRESSORS • AIR HOISTS • VACUUM PUMPS • AIR LIFTS • AIR MOTORS • AIR STARTERS • STEAM-EXHAUST AIR-OPERATED DEVICES.

Model	Pipe Size	Length	Dia.	Weight	New Price
M01	1/8"	3"	1-7/8"	4 oz.	$ 3.25
M02	1/4"	4"	1-7/8"	5 oz.	3.75
M00	3/8"	4-3/4"	2-5/8"	8 oz.	5.50
M05	1/2"	5-1/2"	3-1/4"	10 oz.	6.00
M07	3/4"	6-3/4"	3-3/8"	12 oz.	6.50
M10	1"	8"	3-7/8"	1 lb.	8.95
M15	1-1/2"	13-1/4"	5-1/8"	3 lb.	13.75
M20	2"	18-1/4"	5-1/8"	4 lb.	18.25

MICHIGAN PNEUMATIC HEAVY DUTY VISE

LOCKING SWIVEL BASE REPLACEABLE JAWS

MP BRAND VISES are a pleasure to work with. Their smooth operation and rugged dependability make them an outstanding tool for a production shop, farm or home workshop. Their high quality workmanship insures you of a vise that will outlast and outperform any other vise.

Specifications:	3-1/2"	4"	5"	6"
Jaw Opening	3-3/4"	4"	6"	7"
Overall Height	8-1/8"	9-3/16"	10"	11-1/4"
Overall Width	9"	10-7/8"	11-1/4"	12-1/2"
Overall Length	14-1/2"	16-5/8"	18"	20-1/4"
Net Weight (approx.)	38 lbs.	55 lbs.	67 lbs.	78 lbs.
PRICE	**$42.75**	**$67.25**	**$87.25**	**$107.00**

MICHIGAN PNEUMATIC ROCK DRILLS

The relative light weight, fast drilling speed, stamina, and easy holding of these drills have made them the standards of comparison the world over. There is a drill of the right weight and power for any kind of job.

Drill	Type	Wt. Lbs.	Length	Air Hose	PRICE
J-10A	Wet Dry	21 15	19" 17-1/8"	3/8" or 1/2" 3/8" or 1/2"	$495.00
J-30A	Dry Wet Blower	35 36 35	19-3/4" 19-3/4" 19-3/4"	3/4"	505.00
J-40	Dry Wet Blower	53 55 53	22-3/8" 22-3/8" 22-3/8"	3/4"	515.00
J-50A	Dry Wet Blower	59 64 60	23-11/16" 23-11/16" 23-11/16"	3/4"	525.00
		45		7/8"	535.00

MICHIGAN PNEUMATIC MODEL NCS-5 HAND TYPE CONCRETE SCALER

WITH GRIP RING THROTTLE BUILT-IN 5 RECIPROCATING PISTONS

Characteristics—removes laitence from the first concrete coating speedily, providing a most ideal surface for fine concrete laying and or flooring. Reduces time and cost greatly. Ideal for wall surfaces. Sturdy construction ensures low maintenance, dependable service. Pistons are Titanium Alloy-tipped for long life.

$185.00

WEIGHT .....8-1/2 lbs. PISTON DIA 18mm
NO. OF PISTONS .....5 BLOWS PER MIN 5500
HOSE SIZE.....3/8"

OTHER MANUFACTURER'S LIST PRICE $315.00

$995.00

MICHIGAN PNEUMATIC MODEL NCS-9 LORRY TYPE CONCRETE SCALER

BUILT-IN 9 RECIPROCATING PISTONS AND MANIFOLD COCK

NCS-9 with two wheels is applicable to flooring and ceiling work. In contrast to the laitence removing methods employed hitherto, these new devices cut time and cost by over ten (10) times. Removes laitence at the rate of 220 sq. ft. per hour.

WEIGHT .....198 lbs. NO. OF PISTONS 9
PISTON DIA .....38mm BLOWS PER MIN 4000
HOSE SIZE.....3/4"

OTHER MANUFACTURER'S LIST PRICE $1400.00

SCALERS

MICHIGAN PNEUMATIC MODEL B16M NEEDLE SCALER

WEIGHT .....3 lbs. LENGTH .....8-1/4" CHISEL STROKE 0.67"
PISTON DIAM. 0.55x0.63 PISTON STROKE 0.86" PRES. REQ.....85 psi
AIR CONS. ...3.53 CFM STROKE....4000/min

Includes 2 sets of 2mm hardened steel needles with needle holder, open end wrench. In de-rusting and cleaning of metals, peening of welded joints, cleaning of hardened concrete from construction equipment, Jet Chisel offers versatility for working in any confined space or contoured surface with lowest air consumption.

OTHER MANUFACTURER'S LIST PRICE $225.00

$145.00

MICHIGAN PNEUMATIC MODEL B40030 TRIPLEX SCALER

WEIGHT .....5 lbs. HEIGHT.....3-1/4" NO. OF PISTONS ...3
OVERALL LGTH .20-1/2" BLOWS/MIN ....8000 STROKE .....9/16"

This heavy duty tool was made for cleaning, scaling bridges, ship decks, and hulls, railroad cars, structural steel pipe, and for roughing concrete. Besides being a hand tool, by mounting the scaler on a frame, it can become a multi purpose. Part of the standard equipment is a dead handle, which may be replaced with a pipe plug for scaling in close quarters.

OTHER MANUFACTURER'S LIST PRICE $315.00

$215.00

MICHIGAN PNEUMATIC MODEL B403M TRIPLEX SCALER

WEIGHT .....13 lbs. STROKE .....9/16" BLOWS/MIN 8000

This heavy duty tool was made for cleaning, scaling bridges, ship decks, and hulls, railroad cars, structural steel pipe, and for roughing concrete. Besides being a hand tool, by mounting the scaler on a frame, it can become a multiple purpose. Part of the standard equipment is a dead handle, which may be replaced with a pipe plug for scaling in close quarters.

OTHER MANUFACTURER'S LIST PRICE $305.00

$205.00

MICHIGAN PNEUMATIC MODEL B401M SCALING HAMMERS

This is a lightweight strong scaling hammer with reciprocating piston and grip ring throttle. It may be used for a variety of tasks in many different fields.

WEIGHT .....4 lbs. HEIGHT .....4" NO. OF PISTONS 1
BLOWS/MIN .....8000 LENGTH ....19-3/16"

OTHER MANUFACTURER'S LIST PRICE $175.00

$145.00

MICHIGAN PNEUMATIC MODEL B20M NEEDLE SCALER

Includes 2 sets of 2mm and 2 sets of 3mm hardened steel needles, needle holder for each size, open end wrench, oil dispenser.

WEIGHT .....5 lbs. CHISEL STROKE ..0.67" PISTON STROKE ...1.1"
AIR CONS. .....7 CFM LENGTH .....13-1/2" PISTON DIA. .0.78x0.787
PRES. REQ.....85 psi STROKE.....4000/min

REPLACEMENT NEEDLES

2mm set (29 pc.) .....$ 7.20
3mm set (12 pc.) 4.50

OTHER MANUFACTURER'S LIST PRICE $33.00

$205.00

MICHIGAN PNEUMATIC MODEL B28M NEEDLE SCALER

Outstanding Performance

The needles adapt themselves to any curved or uneven surface. Includes 2 sets of 3mm hardened steel needles, 2 sets of 4mm scaler point needles with holder for each size, 2 open end wrenches.

WEIGHT .....7 lbs. CHISEL STROKE ..0.67" PISTON STROKE ..1.18"
AIR CONS. .....12 CFM LENGTH .....15-3/4" PISTON DIA. ..1.002x1.1
PRES. REQ.....85 psi STROKE.....4000/min

REPLACEMENT NEEDLES

2mm set (29 pc.) .....$ 7.20
3mm set (20 pc.) 10.50
4mm set (12 pc. scaler point) 8.75

OTHER MANUFACTURER'S LIST PRICE $365.00

$245.00

PUSH & LEVER TYPE WELD FLUX SCALERS

ICHIGAN PNEUMATIC MODEL L-1SR
CALING HAMMERS

$150.00

ichigan Pneumatic Scalers are of improved design for general caling, beading and peening. Tool noses are replaceable. ichigan Pneumatic Scalers grip the chisel firmly, thus are ideal r close work. **Takes 1/2" Square Chisel.**

EIGHT .....4 lbs.
VERALL LENGTH .....10"
LOWS PER MINUTE 4200
/16" Bore - 1" Stroke - Lever Throttle
THER MANUFACTURER'S LIST PRICE $225.00

ICHIGAN PNEUMATIC MODEL L-455C
CALING HAMMERS

$150.00

is Michigan Pneumatic Scaler is very powerful for its capacity. is wonderful at such jobs as bending, forming, creasing, and oning sheet metal. **Takes 1/2" Quarter Octagon Chisel.**

EIGHT .....4 lbs.
VERALL LENGTH .....10"
OWS PER MINUTE 4200
/16" Bore - 1" Stroke - Lever Throttle
THER MANUFACTURER'S LIST PRICE $225.00

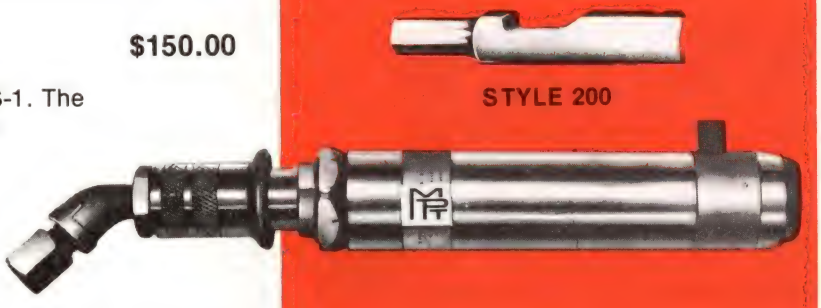
ICHIGAN PNEUMATIC MODEL P-1SR
CALING HAMMERS

$150.00

ese scalers are comparable to the Cleco B1A and Rotor S-1. The alers take 1/2" square chisels that are interchangeable.

EIGHT .....3-1/2 lbs.
VERALL LENGTH .....8"
LOWS PER MINUTE 4200

Bore - 1" Stroke - Push Throttle
THER MANUFACTURER'S LIST PRICE $225.00



ICHIGAN PNEUMATIC MODEL P-455C
CALING HAMMERS

$150.00

ese scalers are comparable to the CP 455 - IR 18 - IR 181 and nor 7. The chisels are interchangeable.

akes 1/2" Quarter Octagon Chisel

EIGHT .....4 lbs.
VERALL LENGTH .....10"
LOWS PER MINUTE 4200

5/16" Bore - 1" Stroke - Push Throttle
THER MANUFACTURER'S LIST PRICE $225.00

ICHIGAN PNEUMATIC MODEL B25M
EEDLE SCALER

$195.00

ese Needle Scalers have hardened alloy steel needles which sure long life. Also equipped with integral clamp, needle tainer, teasing throttle and adjustable housing guide.

MM NEEDLES (19 PER SET) $7.25 PER SET

EIGHT .....5-1/2 lbs.
VERALL LENGTH .....16-1/2"
LOWS PER MINUTE 4000
" Bore - 7/8" Stroke - Lever Throttle
OTHER MANUFACTURER'S LIST PRICE $265.00

CUTTING TOOLS

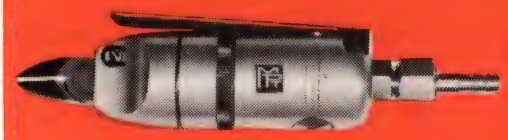
MICHIGAN PNEUMATIC MODEL B-AN16 $69.50

AIR NIP WIRE TRIMMERS

WEIGHT .....7 oz. LENGTH .....5-29/32"
CUTTING CAP .....062" dia. COPPER WIRE

TROUBLE WITH TIGHT SPOTS? Michigan Pneumatic Air Nip Wire Trimmers have slim contour and pointed nose for maximum access!! For Production wire trimming, the air nip is a must!

OTHER MANUFACTURER'S LIST PRICE $89.50



MICHIGAN PNEUMATIC MODEL MR-20 $149.00

AIR NIP WIRE TRIMMERS

WEIGHT .....14 oz. LENGTH .....5-19/32"
CUTTING CAP .....3/32 dia. COPPER WIRE

Excellent qualities of this Air Nip Wire Trimmer are its long lasting adjustable jaws, light weight, combined with plenty of power. The standard nip blade can be interchanged to accommodate bending, crimping, and lengthening functions. Requires no air line lubrication. Will operate indefinitely with lubrication applied during assembly.

OTHER MANUFACTURER'S LIST PRICE $178.00

MICHIGAN PNEUMATIC MODEL MR-30 $149.00

AIR NIP WIRE TRIMMERS

Excellent qualities of this Air Nip Wire Trimmer are its long lasting adjustable jaws, light weight, combined with plenty of power. Suitable for heavy duty jobs such as cutting soft materials, plastics, stainless and piano wire by changing cutters.

WEIGHT .....1-1/2 lbs. LENGTH .....6-15/16"
CUTTING CAP .....9/64 dia. COPPER WIRE

OTHER MANUFACTURER'S LIST PRICE $178.00

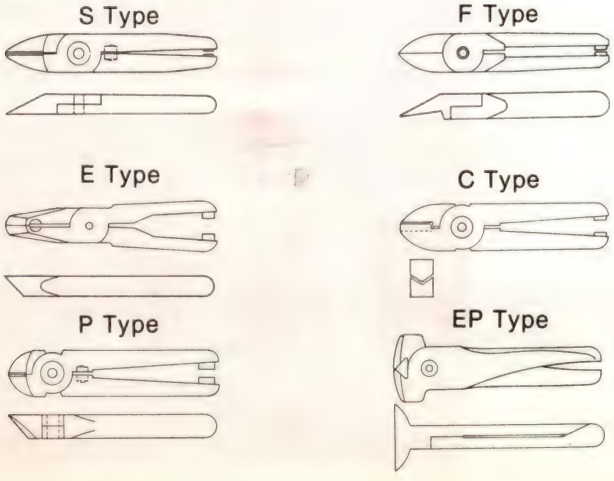
MICHIGAN PNEUMATIC MODEL MR-50 $149.00

WEIGHT .....3-1/3 lbs. LENGTH .....9-19/64"
CUTTING CAP .....15/64 dia. COPPER WIRE

For heavier jobs than MR-30 and for other applications such as pressing, riveting, bending and punching.

OTHER MANUFACTURER'S LIST PRICE $178.00

Shape of cutters



For Model	Type and No.	Thickness	Recommended Applications
MR-20	S 5	thin	cutting soft material
	S 6	thick	cutting steel and copper wire
	P 6	thick	cutting stainless and hard steel wire
	F 5	thin	cutting plastics up to 17/64" ϕ
MR-30	S 7	thin	cutting soft material
	EP 9	thin	END cutting (for Copper & Soft material)
	EP 10	thick	END cutting (for steel and stainless wire)
	P 8	thick	for heavy cutting jobs (for stainless wire & piano wire)
MR-50	S 12	thick	for heavy duty jobs
	P 12	thick	S = longer blade P = shorter blade
	CR 12	thick	clipper type, suitable for plate cutting

CUTTING TOOLS

ICHIGAN PNEUMATIC MODEL MP 600S
ETAL SHEARS

ompact and lightweight for maximum flexibility. The cutting ead is adjustable for easier side and overhead work. This tool ts, trims, outlines and shears in straight cuts. It circles and ntours for radius trimming of material.

APACITY .....20 gage
ECOM. PRESS. .....90 psi
STROKES/MIN 18000
WEIGHT .....3 lbs.

THER MANUFACTURER'S LIST PRICE $109.50

$89.50

ICHIGAN PNEUMATIC MODEL MP 700S
EAVY DUTY METAL SHEARS

ompact and lightweight for maximum flexibility. The cutting ead is adjustable for easier side and overhead work. This tool ts, trims, outlines and shears in straight cuts. It circles and ntours for radius trimming of material.

APACITY .....18 gage
ECOM. PRESS. .....90 psi
STROKES/MIN 6000
WEIGHT .....4 lbs.

THER MANUFACTURER'S LIST PRICE $150.00

$109.50

ICHIGAN PNEUMATIC MODEL MP 600
ETAL SHEARS

ompact and lightweight for maximum flexibility. The cutting ead is adjustable for easier side and overhead work. This tool ts, trims, outlines and shears in straight cuts. It circles and ntours for radius trimming of material.

APACITY .....20 gage
ECOM. PRESS. .....90 psi
STROKES/MIN 18000
WEIGHT .....3 lbs.

THER MANUFACTURER'S LIST PRICE $109.50

$89.50

ICHIGAN PNEUMATIC MODEL MP 700
EAVY DUTY METAL SHEARS

ompact and lightweight for maximum flexibility. The cutting ead is adjustable for easier side and overhead work. This tool ts, trims, outlines and shears in straight cuts. It circles and ntours for radius trimming of material.

APACITY .....18 gage
ECOM. PRESS. .....90 psi
STROKES/MIN 6000
WEIGHT .....4 lbs.

THER MANUFACTURER'S LIST PRICE $150.00

$109.50

NEUMATIC MODEL R
ECIPROCATING SAW

imple, precise, one-hand operation. Gets into spaces impossible ith out-dated hand tools. Odd sized blades and files quickly dapted for use with this tool. 360-degree radial barrel makes ntricate scroll cutting a routine job.

EIGHT .....3-1/2 lbs.
ENGTH .....11-1/2"

ORTABLE, LIGHTWEIGHT MODEL V AVAILABLE - $94.50

$119.50

CHIPPING HAMMERS

MICHIGAN PNEUMATIC MODEL K-1 CHIPPING HAMMER

SPECIFY HEX OR ROUND

The Michigan Pneumatic Chipping Hammer is smooth to hold and very powerful for its capacity. Besides chipping and scaling, it is good for forming, bending, creasing, and ironing sheet metal.

WEIGHT .....5-3/8 lbs.
STROKE .....1"
BORE .....3/4"
TAKES CHISEL BITS .....
.....495 round

OTHER MANUFACTURER'S LIST PRICE $375.00

$240.00

MICHIGAN PNEUMATIC MODEL B100C CHIPPING HAMMER

SPECIFY HEX OR ROUND

The Michigan Pneumatic Chipping Hammer is smooth to hold and very powerful for its capacity. Besides chipping and scaling, it is good for forming, bending, creasing, and ironing sheet metal.

WEIGHT .....11 lbs.
LENGTH .....12-1/8"
BLOWS 2800/min
STROKE .....1"

OTHER MANUFACTURER'S LIST PRICE $375.00

$240.00

MICHIGAN PNEUMATIC MODEL B200C CHIPPING HAMMER

SPECIFY HEX OR ROUND

Controlled Power Chipping Hammers are high-speed, powerful, streamlined, lightweight tools. These Chipping Hammers are also widely used for paper box stripping and many other applications.

WEIGHT .....12-1/2 lbs.
LENGTH .....13-13/16"
BLOWS 2200/min
STROKE .....2"

OTHER MANUFACTURER'S LIST PRICE $375.00

$240.00

MICHIGAN PNEUMATIC MODEL B300C CHIPPING HAMMER

SPECIFY HEX OR ROUND

The Michigan Pneumatic Chipping Hammer which is beneficial for creasing, forming, bending, and ironing sheet metal, is easy to handle and a very powerful tool.

WEIGHT .....14 lbs.
LENGTH .....15-7/8"
BLOWS 1700/min
STROKE .....3"

OTHER MANUFACTURER'S LIST PRICE $375.00

$240.00

MICHIGAN PNEUMATIC MODEL B400C CHIPPING HAMMER

SPECIFY HEX OR ROUND

The Michigan Pneumatic Chipping Hammer which is good for many jobs such as bending, and ironing sheet metal, is a powerful tool and is easy to handle.

WEIGHT .....16 lbs.
LENGTH .....17-7/8"
BLOWS 1450/min
STROKE .....4"

OTHER MANUFACTURER'S LIST PRICE $375.00

$240.00

RETAINER-TYPE CHIPPING HAMMERS

These chipping hammers retain the chisel in the hammer automatically. This eliminates the necessity of having the operator hold the chisel to keep it from falling out when the tool is not in use.

SPECIFY HEX OR ROUND

$260.00

MICHIGAN PNEUMATIC MODEL B100C-R RETAINER CHIPPING HAMMER

The Michigan Pneumatic Retainer Chipping Hammers are powerful lightweight tools. They come in four (4) different sizes for chipping, beading, cleaning on castings, etc.

LENGTH .....12-1/8" BLOWS .....2800 p.m.
WEIGHT .....11 lbs. STROKE .....1"

OTHER MANUFACTURER'S LIST PRICE $385.00

SPECIFY HEX OR ROUND

$260.00

MICHIGAN PNEUMATIC MODEL B200C-R RETAINER CHIPPING HAMMER

This Michigan Pneumatic Retainer Chipping Hammer is excellent for chipping, scaling, cleaning work on castings, billets, etc. It is used also for paper box stripping and various other uses.

LENGTH .....13-13/16" BLOWS .....2200 p.m.
WEIGHT.....12-1/2 lbs. STROKE .....2"

OTHER MANUFACTURER'S LIST PRICE $385.00

SPECIFY HEX OR ROUND

$260.00

MICHIGAN PNEUMATIC MODEL B300C-R RETAINER CHIPPING HAMMER

Chipping Hammers for medium chipping to extra heavy duty chipping. Delivering fast, powerful blows and producing maximum energy with tool weight at minimum.

LENGTH .....14-7/8" BLOWS .....1700 p.m.
WEIGHT .....14 lbs. STROKE .....3"

OTHER MANUFACTURER'S LIST PRICE $385.00

SPECIFY HEX OR ROUND

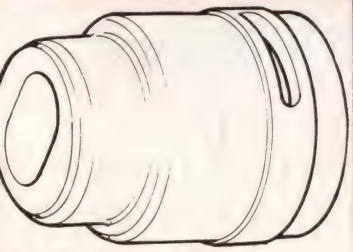
$260.00

MICHIGAN PNEUMATIC MODEL B400C-R RETAINER CHIPPING HAMMER

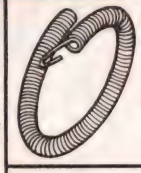
The Michigan Pneumatic Retainer Chipping Hammer is streamlined and excellent for heavy riveting, chipping, scaling, beading, etc. It has many different uses including paper box stripping.

LENGTH .....17-7/8" BLOWS .....1450 p.m.
WEIGHT .....16 lbs. STROKE .....4"

OTHER MANUFACTURER'S LIST PRICE $385.00



1190 CHISEL RETAINER
Specify make and model of Chipping Hammer when ordering retainer. **$17.50**

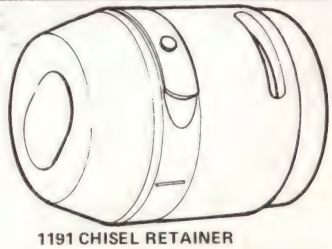


1194
Lock Spring used with 1190 and 1191 Retainer **$.95**

1191-2
Lock Spring for rotating insert **$1.80**

$5.00
1191-3
Rotating Insert for 1191 Retainer

$.65
1191-4
Retaining Ring for Rotating Insert



1191 CHISEL RETAINER QUICK CHANGE TYPE
Unnecessary to remove this Retainer to change tools. **$20.00**

CHIPPER & SCALER CHISELS

CHIPPING HAMMER CHISELS

For Michigan Pneumatic Models B100M - B200M - B300M - B400M Chippers as well as any standard Pneumatic Chipper.

Specify Shank Style .580 Hex or .680 Round

FLAT CHISEL		HOT CUT CHISEL	
BULL POINT		RIPPER CHISEL	
FLAT CHISEL-SIDE CUT		WIDE SCALING CHISEL	
ROUND NOSE CHISEL		HOLLOW GOUGE	
CAPE CHISEL		STRAIGHT SEAM TOOL	
DIAMOND POINT CHISEL		STRAIGHT RIVET CALKING	
HALF ROUND NOSE CHISEL		STRAIGHT FULLER	

ABOVE CHISELS.....$3.00 EA.
SPECIFY SHANK STYLE WHEN ORDERING

CHISEL BLANK		FOUNDRY SCALING TOOL	
PNEU-CUT CHISEL		STAR DRILL	
BEADING TOOL		BUSHING TOOL	

Chisel Blank $1.75
Pneu-Cut Chisel.....$3.50
Beading Tool $5.30
Foundry Scaling Tool $11.51
Star Drills .....$3.50 and up
Bushing Tool $16.00

SPECIFY SHANK STYLE WHEN ORDERING

STANDARD SHANK STYLE

.580 HEX SHANK (STD)

.680 ROUND SHANK (STD)

OVAL COLLAR RETAINER CHISELS

.580 HEX OR .680 ROUND

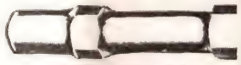
For Chipping Hammers with Ajax or Arrow Retainers and Michigan Pneumatic Models B100M-R, B200M-R, B300M-R, and B400M-R.

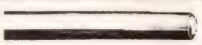
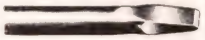
FLAT CHISEL		CAPE CHISEL	
BULL POINT		DIAMOND POINT CHISEL	
ROUND NOSE CHISEL		WIDE SCALING CHISEL	

ABOVE CHISELS EXCEPT WIDE SCALING CHISEL $4.75
WIDE SCALING CHISEL.....$6.00

WELD FLUX SCALER CHISELS

SHANK STYLE FOR THE FOLLOWING HAMMERS

STYLE 100	Chicago Pneumatic – 455-457-458-459 Ingersoll Rand – 17-18-171-181 Thor – All Series Gardner Denver – Mich.Pneumatic - L455C- P455C - 118
STYLE 200	Cleco – B1-A B1-BV B1-AJ Rotor – All Series S1 Michigan Pneumatic – L1SR P1SR
 STYLE 300	Master Power – 205 - 206

BLADE STYLES	CUTTING WIDTH	PRICE
CHISEL BLANK 		$2.50
WIDE SCALING CHISEL	1 3/8"	$3.50
ANGLE SCALING CHISEL	1 3/8"	$3.50
NARROW CHISEL 	5/8"	$3.50
DIAMOND POINT CHISEL	1/4"	$3.50
CAPE CHISEL	1/4"	$3.50
ROUND NOSE CHISEL	1/4"	$3.50
PEENING TOOL	9/16" radius	$3.50
BUSHING TOOL	9 tooth	$3.50

The lengths of the above Scaling Chisels are 6-1/2" to 7" with the exception of the Peening Tool which is 4". Other lengths are available.

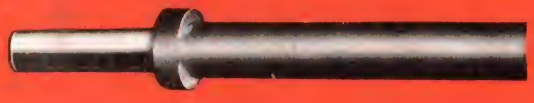
IMPORTANT: Specify Shank Style and Blade Style and Make and Model Number of Hammer.

RETAINERS FOR GROOVED CHIPPERS

STANDARD RETAINER & SPRING **$18.45**

OVAL RETAINER SHANK STYLE

.580 HEX SHANK - OVAL RETAINER



.680 ROUND SHANK - OVAL RETAINER

AIR LINE ACCESSORIES

MICHIGAN PNEUMATIC FILTERS

Pipe Size	Bowl Capacity	Brand New
1/4" N.P.T.	3 oz.	$11.00
3/8" N.P.T.	8 oz.	11.00
1/2" N.P.T.	8 oz.	12.00
3/4" N.P.T.	28 oz.	22.00
1" N.P.T.	28 oz.	23.00

These Air Line Filters remove the danger of corrosive damage to compressed air equipment by efficiently removing harmful foreign matter (such as moisture, pipe scale, dirt, and rust) from the air stream.

MICHIGAN PNEUMATIC LUBRICATORS

Pipe Size	Bowl Capacity	Brand New
1/4" N.P.T.	3 oz.	$14.00
3/8" N.P.T.	8 oz.	14.00
1/2" N.P.T.	8 oz.	15.00
3/4" N.P.T.	28 oz.	22.00
1" N.P.T.	28 oz.	25.00

This Air Line Lubricator automatically introduces an oil mist into the compressed air stream. This lubricates all precision working parts and thus prolongs the life and reduces maintenance on compressed air operated machinery and appliances.

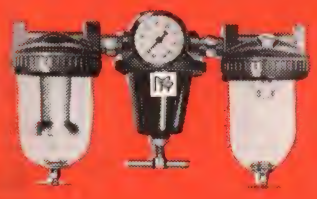
MICHIGAN PNEUMATIC REGULATORS

Pipe Size	Brand New Less Gauge	Brand New With Gauge
1/4" N.P.T.	$12.00	$15.00
3/8" N.P.T.	12.00	15.00
1/2" N.P.T.	13.00	16.00
3/4" N.P.T.	18.00	21.00
1" N.P.T.	20.00	23.00

Primary Pressure is 250 PSIG - Secondary Pressure Standard is O-125 PSIG - Gauge Ports are 1/4" NPT - Operating Temperature is minus 40 deg. to plus 180 deg. F. Relieving type standard - automatically relieves air pressure build up at dead end installations assuring accurate pressure control.

MICHIGAN PNEUMATIC COMPLETE ASSEMBLIES

Size	Brand New
1/4" N.P.T.	$40.00
3/8" N.P.T.	40.00
1/2" N.P.T.	44.00
3/4" N.P.T.	68.00
1" N.P.T.	75.00



This Trio Control (filter, regulator, lubricator, gauge) is an efficient, compact control assembly specially adaptable for compressed air operated machinery as a permanent control for the lubrication of clutches, cylinders, valves, and all air actuated devices.

MICHIGAN PNEUMATIC AIRLINE FILTERS With Automatic Drain

1/4" N.P.T.	$18.50
3/8" N.P.T.	19.50
1/2" N.P.T.	19.50
3/4" N.P.T.	31.00
1" N.P.T.	31.00

This Filter is a perfect solution to low cost, automatic discharge of water and contaminants from a compressed air line.

MICHIGAN PNEUMATIC MINIATURE ASSEMBLIES

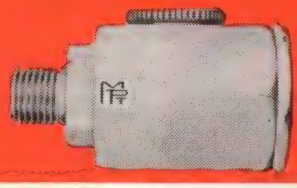
1/8" N.P.T.	$24.00
1/4" N.P.T.	24.00

Where space is a premium and dependable performance is a must we advise the above miniature assys.

MICHIGAN PNEUMATIC MINI-LUBE Portable Lubricator

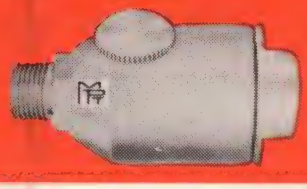
Weight:	2-1/2 oz.
Size:	2-1/2" overall length Approximately 1-5/16" max. O.D.
Port Sizes:	1/8" and 1/4" pipe
Oil Capacity:	5 C.C.s
List Price:	**$7.95**

MICHIGAN PNEUMATIC MIDGET-LUBE Portable Lubricator



Weight:	Approximately 3-1/2 oz.
Size:	2-1/2" overall length Approximately 1-1/2" max. O.D.
Port Sizes:	1/4"—3/8" pipe
Oil Capacity:	Approximately 9 C.C.s
List Price:	**$10.95**

MICHIGAN PNEUMATIC MASTER-LUBE Portable Lubricator



Weight:	Approximately 5 oz.
Size:	3-1/4" overall length Approximately 1-5/8" max O.D.
Port Size:	1/4"—3/8"—1/2" pipe
Oil Capacity:	Approximately 22 C.C.s
List Price:	**$12.95**

TOOL BALANCERS AND AIR HOSES

These tool balancers provide good performances for tools from 2-1/2 to 10 pounds. Steel reinforced aluminum drum is hand windable and can't be wound backwards. Push button tension release. No tool to adjust. Large cable opening protected by cable guide. Non-fatiguing 285 lb. to 520 lb. nylon cable. It provides free movement at all angles.

Model	Capacity	Weight (oz.)	Size Diameter	Size Depth	Cable Length	Cable Test	Min. Hook Hook Dist	Price
20	2-1/2 lbs.	9 oz.	3"	2"	10'	285 lbs.	7-1/2"	$14.95
40	5 lbs.	10 oz.	3"	2"	10'	285 lbs.	7-1/2"	14.95
50	7-1/2 lbs.	15 oz.	3"	2"	10'	285 lbs.	7-1/2"	19.95
22	10 lbs.	22 oz.	3-1/2"	2-1/2"	10'	520 lbs.	9-1/2"	24.95

The heavy duty tool balancers are enclosed in a steel case with interior nylon sound deadening coating. It is provided with high tensile nylon coated steel aircraft type cables. Centrifugal safety clutch stops rotating of drum in event of spring failure or accidental unhooking. The tension is released by simply pressing retainer spring. It is lubricated for life.

HEAVY DUTY PRICES AND SPECIFICATIONS

Model	Capacity	Weight	Size length x width x depth	Cable Length	Min. Hook to Hook	Price Each
1005	5 lbs.	3½ lbs.	8¾"x5½"x2½"	6 ft.	16 inches	$27.00
1010	10 lbs.	3¾ lbs.	8¾"x5½"x2¾"	6 ft.	16 inches	33.00
1015	15 lbs.	3¾ lbs.	8¾"x5½"x2¾"	6 ft.	16 inches	46.00
1020	20 lbs.	4 lbs.	8¾"x5½"x2¾"	6 ft.	16 inches	52.00

MICHIGAN PNEUMATIC RECOIL NYLON SELF STORING HOSE

EXTENDS AND RETRACTS LIKE A TELEPHONE CORD - OIL PROOF - ABRASION RESISTANT - LIGHTWEIGHT - REUSABLE FITTINGS - 200 PSI WORKING PRESSURE.

1/4" Re-Coil Hose 1/4" Reusable Fittings				3/8" Re-Coil Hose 3/8" Reusable Fittings			
Length	Working Length	Storage Length	Price	Length	Working Length	Storage Length	Price
12'	11'	4"	$ 6.75	12'	11'	6"	$11.50
25'	23'	8"	9.95	25'	23'	10"	17.75
50'	46'	16"	17.50	50'	46'	18"	29.50
100'	94'	32"	28.50	100'	94'	36"	46.50

BRAND NEW INDUSTRIAL AIR HOSE

Size (ID)	Number	Braid	Pressure	Price/ft.
1/4	IAH-250	2	300 lbs.	$.35
3/8	IAH-375	2	250 lbs.	.40
1/2	IAH-500	2	225 lbs.	.50
3/4	IAH-750	2	225 lbs.	.70
1"	IAH-1000	2	225 lbs.	.95

Size (ID)	Length	Price
1/4"	25'	$4.00
	50'	7.00

Size (ID)	Length	Price
3/8"	25'	$8.00
	50'	16.00

MICHIGAN PNEUMATIC QUICK CHANGE COUPLINGS

SOCKETS Female or Male Thread	
1/8"	$1.85
1/4"	1.85
3/8"	2.10
1/2"	4.00
PLUGS Female or Male Thread	
1/8"	$ .50
1/4"	.50
3/8"	.75
1/2"	1.45

Please specify female or male thread when ordering.

UNIVERSAL FITTINGS $2.25

HOSE END COUPLING

MALE END COUPLING

FEMALE END COUPLING

AVAILABLE IN 3/8", 1/2", 3/4", 1" HOSE AND N.P.T. SIZES

CLAY DIGGERS & CLAY DIGGER TOOLS

MICHIGAN PNEUMATIC MODEL B733-1
CLAY DIGGER

Clay Diggers are light in weight and extremely powerful for their size. They are used for digging in hard clay, hard sand and frozen ground; cutting out brick or asphalt paving and breaking light concrete.

WEIGHT .....19-1/2 lbs.
PIPE TAP .....3/8"
SIZE HOSE REC'M .....3/8"
PISTON STROKE.....2-1/2"
LENGTH .....19-1/2"

Available in 7/8 Hex or 3/4" Square — Please Specify

OTHER MANUFACTURER'S LIST PRICE $575.00

$375.00

MICHIGAN PNEUMATIC MODEL B85-1
CLAY DIGGER

One operator using this Clay Digger can out-perform five to ten men using hand tools. The ideal tool for winter excavation work of all kinds.

WEIGHT .....28-1/2 lbs.
PIPE TAP .....3/8"
SIZE HOSE REC'M .....1/2"
PISTON STROKE.....4-3/8"
LENGTH .....23-5/8"

Available in 7/8" Hex or 3/4" Square - Please Specify

OTHER MANUFACTURER'S LIST PRICE $685.00

$475.00

NARROW CHISEL FOR DIGGER

3/4" Sq. x 2-3/4"	14"	$8.30
	18"	8.70
7/8" Hex x 2-3/4"	14"	8.70
	18"	9.85
3/4" Hex Rd. x 2-3/4"	14"	8.30
	18"	8.70
7/8" Hex Rd. x 3-1/4"	14"	8.70
	18"	9.85
7/8" Hex x 3-1/4"	14"	8.70
	18"	9.85

CLAY SCOOP FOR DIGGER

3/4" Sq. x 2-3/4"	16"	$26.40
7/8" Hex x 2-3/4"	16"	26.40
7/8" Hex x 3-1/4"	16"	26.40
7/8" Hex Rd. x 3-1/4"	16"	26.40
3/4" Hex Rd. x 2-3/4"	16"	26.40

CLAY PICK

3/4" Sq. x 2-3/4"	16"	$26.45
7/8" Hex x 2-3/4"	16"	26.46
3/4" Hex Rd. x 2-3/4"	16"	26.45
7/8" Hex Rd. x 3-1/4"	16"	26.45
1" Hex x 4-1/4"	16"	26.45
7/8" Hex x 3-1/4"	16"	26.45

BUSHING TOOL

3/4" Sq. x 2-3/4"	9"	$26.45
7/8" Hex x 2-3/4"	9"	26.45
7/8" Hex x 3-1/4"	9"	26.45
1-1/8" Hex x 6"	9"	24.20
1-1/4" Hex x 6"	9"	25.30
1" Hex x 4-1/4"	9"	23.45

MOIL POINT FOR DIGGER

3/4" Sq. x 2-3/4"	14"	$8.30
	18"	8.70
7/8" Hex x 2-3/4"	14"	8.70
	18"	9.85
3/4" Hex Rd. x 2-3/4"	14"	8.30
	18"	8.70
7/8" Hex Rd. x 3-1/4"	14"	8.70
	18"	9.85
7/8" Hex x 3-1/4"	14"	8.70
	18"	9.85

PAVEMENT BREAKERS

MICHIGAN PNEUMATIC MODEL MP6 $595.00
PAVEMENT BREAKER

These Michigan Pneumatic 60 lb. class paving breakers are suitable for demolition of all kinds. They will tear out concrete, brick foundations and remove slag from ladles and furnaces.

WEIGHT .....65 lbs.
LENGTH .....25-1/2"

1-1/8" CHUCK SIZE
LATCH RETAINER
OTHER MANUFACTURER'S LIST PRICE $775.00

MICHIGAN PNEUMATIC MODEL MP90 $595.00
PAVEMENT BREAKER

This Michigan Pneumatic Pavement Breaker is wonderful for heavy work. The breaker has good dimensions, has strong construction and is well balanced. It has easy service because it is simply constructed, with minimum wear on parts.

WEIGHT .....80 lbs.
LENGTH ..... 28-1/4"

Available in 1-1/8 or 1-1/4 Chuck Size Latch or Spring Retainer — Please Specify
OTHER MANUFACTURER'S LIST PRICE $825.00

FROST WEDGE

1" x 4-1/4"	18"	$22.85
1-1/8" x 6" Blade 3" x 12"	18"	23.70
1-1/4" x 6" Blade 3" x 12"	18"	24.65

DIGGING CHISEL

7/8" x 3-1/4"	15-1/2"	$22.85
1" x 4-1/4"	15-1/2"	22.85
1-1/8" x 6"	15-1/2"	23.70
1-1/4" x 6"	15-1/2"	24.65

ROCK BREAKER

1-1/8" x 6"	14-1/2"	$27.15
1-1/4" x 6"	14-1/2"	29.15

CLAY SPADE FOR BREAKER

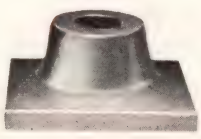
1" x 4-1/4"	16"	$25.75
1-1/8" x 6"	16"	28.10
1-1/4" x 6"	16"	29.60

DETACHABLE SHANK

1-1/8" x 6"	9"	$15.30
1-1/4" x 6"	9"	16.70

ROUND DIRT TAMPER PAD

SQUARE DIRT TAMPER PAD



SHEATHING SHOE

TAMPING PAD	
6" Sq.	$25.95
8" Sq.	32.05
7" Rd.	25.95

SHEATHING SHOE	
2"	$38.25
3"	39.95

PAVEMENT BREAKER TOOLS

	Shank Size Hex	Length Under Collar	PRICE
ASPHALT WEDGE			
	1" x 4-1/4"	12"	$18.05
	1-1/8" x 6"	12"	18.85
	1-1/4" x 6"	12"	20.30
5" ASPHALT CUTTER			
	7/8" x 3-1/4"	11"	$22.85
	1" x 4-1/4"	11"	22.85
	1-1/8" x 6"	11"	23.70
	1-1/4" x 6"	11"	24.65
BRICK WEDGE			
	1" x 4-1/4"	12"	$22.85
	1-1/8" x 6"	12"	23.70
	1-1/4" x 6"	12"	24.65
FORM PIN DRIVER			
	1" x 4-1/4"	8"	$20.85
	1-1/8" x 6"	8"	21.80
	1-1/4" x 6"	8"	22.90
SUPER CUT CHISEL			
	1" x 4-1/4"	16"	$11.45
	1-1/8" x 6"	16"	11.75
	1-1/4" x 6"	16"	13.25
STANDARD MOIL POINT			
	1" x 4-1/4"	14"	$6.45
	1-1/8" x 6"	14"	7.35
		18"	8.15
	1-1/4" x 6"	14"	8.40
		18"	9.30
SUPER DUTY MOIL POINT			
	1" x 4-1/4"	14"	$7.55
	1-1/8" x 6"	14"	8.70
		18"	10.10
	1-1/4" x 6"	14"	10.10
		18"	12.10
STANDARD NARROW CHISEL			
	1-1/8" x 6"	14"	$7.35
		18"	8.15
	1-1/4" x 6"	14"	8.40
		18"	9.30
SUPER DUTY NARROW CHISEL			
	1-1/8" x 6"	14"	$8.70
		18"	10.10
	1-1/4" x 6"	14"	10.10
		18"	12.10
STANDARD 3" CHISEL			
	1" x 4-1/4"	14"	$8.55
	1-1/8" x 6"	14"	9.55
		18"	10.30
	1-1/4" x 6"	14"	10.50
		18"	11.75
SUPER DUTY 3" CHISEL			
	1" x 4-1/4"	14"	$10.65
	1" x 4-1/4"	18"	12.15
	1-1/8" x 6"	18"	13.35
	1-1/4" x 6"	18"	15.20
AXE BLADE			
	3/4" x 2-3/4"	12"	$19.45
	7/8" x 2-3/4"	12"	19.45
	7/8" x 3-1/4"	12"	19.45

PORTABLE NIBBLERS

110 VOLT ELECTRICALLY POWERED MODELS

MICHIGAN PNEMATIC MODEL HN
FOR HEAVY DUTY CUTTING

$389.00

This model **M.P.** Nibbler is designed for heavy duty cutting on a per job or production line basis. It will cut, at 55" per minute, 10 gauge stainless steel, 8 gauge mild steel and 3/16" non-ferrous metals. The minimum cutting radius is 6". For a shorter 3" radius special die holding is available for use in cutting 12 gauge mild steel.

Also available in 220 Volt at an additional $10.00

MICHIGAN PNEUMATIC MODEL EHN
FOR EXTRA HEAVY DUTY CUTTING

$665.00

If you want to cut 1/4" mild steel, 5/16" aluminum, 8 gauge stainless cleanly and quickly, use the **M.P.** Model EHN. It is especially designed for heavy duty cutting. The maximum cutting speed is 45" a minute, mininum cutting radius, 8".

Also available in 220 Volt at an additional $25.00

MICHIGAN PNEUMATIC MODELS HNS OR ANS
FOR HEAVY DUTY SLITTING

For slitting nibbling up to 10 gauge mild steel. This Slitter Nibbler will cut metal up to 10 gauge at a rate of 70" per minute, without distorting the material.

Also available in 220 Volt at an additional $10.00

MODEL NO.
110V HNS $425.00
AIR ANS $495.00

MICHIGAN PNEUMATIC MODELS HNC OR ANC
FOR HEAVY DUTY CORRUGATED

MODEL NO.
110V HNC $445.00
AIR ANC $495.00

For cutting up to 10 gauge corrugated Special Cutting Operations:

- Cutting Corrugated Duct or Formed Sheet Metal Pipe
- Cutting diagonally across contours without changing the shape of piece
- Cutting special parts by setting Nose Piece at right angles allowing Nibbler to ride over curves
- Cutting speed 50" per minute

Also available in 220 Volt at an additional $10.00

MICHIGAN PNEUMATIC MODEL MNC
FOR SPECIAL CUTTING OPERATIONS

$295.00

- cutting corrugated sheeting, small diameter duct or formed sheet metal pipe
- cutting diagonally across contours without changing the shape of the piece
- cutting special parts by setting the nose piece at right angles, allowing the nibbler to ride over curves

Model MNC-A cuts through tough pitch or asbestos coated corrugated steel without clogging.

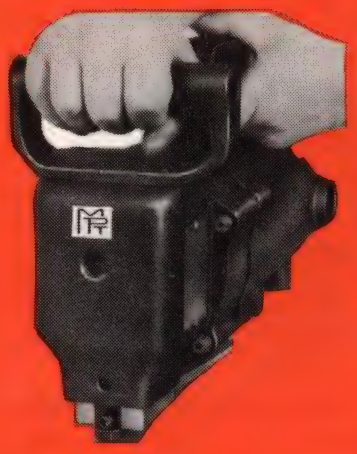
Models may be reconverted for straight cutting by replacing the nose assembly.

Also available in 220 Volt at additional $10.00

PORTABLE NIBBLERS

110 VOLT ELECTRICALLY POWERED MODELS

MICHIGAN PNEUMATIC SUPER NIBBLER $895.00



- Cuts up to 35" per minute
- Cuts clean—without distortion, chipping, binding, curling or flaking the metal—only a minimum of deburring or grinding is necessary
- Eliminates the need for special time consuming jigs or fixtures
- Performs in situations no other tool can Cuts with absolute safety to the operator
- Requires little maintenance
- Heavy duty precision built motors
- Precision cut gears
- Guaranteed against defects in workmanship and materials

SUPER NIBBLER SPECIFICATIONS

Model	Max. Cutting Capacity	Max. Cutting Speed	Min. Cutting Radius	Size of Cut	Weight & Horsepower
SUPER-1 **$895.00**	3/8" MILD STEEL 1/4" STAINLESS intermediate 7/16" NON-FERROUS	35" per min.	12"	3/8"x1/4"	38 lbs./4-1/2 HP

AIR-OPERATED MODELS $365.00

MICHIGAN PNEUMATIC MODEL AMN

For Light Metal Cutting

This lightweight model cuts 14 gauge stainless, 13 gauge mild steel and 1/8" aluminum at up to 65" a minute. The minimum cutting radius is 1".

MICHIGAN PNEUMATIC MODEL AN $475.00

For Heavy Duty Use

This practical nibbler cuts 10 gauge stainless, 8 gauge mild steel and 3/16" non-ferrous metals at 55" a minute. The minimum cutting radius is 6". For a shorter 3" radius, special die holding is available.

MICHIGAN PNEUMATIC MODEL AEHN $725.00

For Extra Heavy Duty Cutting

1/4" mild steel, 5/16" aluminum and 8 gauge stainless are easily cut with the Model AEHN at 40 to 45" a minute. The minimum cutting radius is 8".

AIR & HAND HOISTS

MODEL 10000
AIR CHAIN HOIST

MICHIGAN PNEUMATIC

Each type of hoist in the Michigan Pneumatic line is available in either the link chain or roller chain type according to the preference of the customer. Totally enclosed vane type motor is adopted for this particular hoist, and it cannot harm if stalled indefinitely and is unaffected in ordinary operation by dirt, fumes, or heat. Sudden starts and stops will not cause hazards. The hooks on top and bottom have safety snaps. Incorporated with the throttle is a control which gives precision speed control from creeping speed to the rated maximum. This control is simply and easily effected by the pull-lever.

MODEL 20000
AIR CHAIN HOIST

Pendant Control Unit

model no.	chain	capacity lbs.	std. lift ft.	lift/min full load ft.	weight lbs.	air inlet thread t or n.p.	hose size in.	without pendent control	with pendent control
F10000	Link	1100	8	28	34.1	3/8	1/2	$600.00	$735.00
F10001	Roller	1100	8	30	34.1	3/8	1/2	600.00	735.00
F20000	Link	2200	8	14	47.3	3/8	1/2	810.00	945.00
F20001	Roller	2200	8	15	47.3	3/8	1/2	810.00	945.00

OTHER MANUFACTURER'S LIST PRICE WITHOUT PENDENT CONTROL
MODEL SERIES 10000 $700.00 MODEL SERIES 20000 $910.00

MICHIGAN PNEUMATIC CHAIN HOISTS - LARGE TYPE

• EFFICIENT • DEPENDABLE • ECONOMICAL • COMPACT • POWERFUL • LIGHTWEIGHT • DURABLE • EASY OPERATING

AT LAST! In answer to the demands of industry, here is a lightweight compact, powerful chain hoist that is also economical. Chain Hoists are made with capacities from the 1/4 ton to the 10 ton Hoist. Michigan Pneumatic brand chain hoists are your best buy for power, efficiency, dependability, compactness, easy operation, and light weight. They enable the worker to do more in less time than any other type chain block. High efficiency plus the availability of numberous capacities and modifications make these hoists the most widely used in the industry. They're quality-engineered for safety and serviceability. Over-loading test of 150% capacity is conducted for each unit. Additional lift available at $5.00 installation charge plus price per foot shown. - Specify. FOB Detroit.

Cap. (ton)	Std. Lift (ft.)	Chain Pull to Lift (lbs.)	Test Load (ton)	Net Wt.	Extra Lift Per Foot	Our Price
1/2	10	44	0.75	30	$ 4.30	$ 68.25
1	10	51	1.5	41	5.70	92.25
1-1/2	10	66	2.25	59	7.05	128.00
2	10	70	3.0	80	8.45	140.00
3	10	70	4.5	92	13.00	200.00
5	10	77	7.5	165	22.25	309.00
10	11	99	12.5	341	85.50	702.00

PULLERS

MICHIGAN PNEUMATIC PULLERS

MP all position link chain hoists, built for safety and efficiency, are light-weight, easy to operate and dependable. Constructed of special steel, MP link chain hoists have a capability for a multitude of lifting jobs. Excellent features include needle bearings for long life, a quick reverse style for ease of operation and a specially designed break for safety.

EACH PULLER TESTED TO 150% OF RATED CAPACITY
LINK TYPE CHAIN

Rated Capacity (Tons)	Min. Between Hooks (Inches)	Standard Lift (Inches)	Lever Pull to lift Full Load (Pounds)	Length of Lever (Inches)	Net Weight (Lbs.)	PRICE
½	12	120	62	13	13.8	$ 81.50
¾	13	60	68	18	20	92.25
1½	17	60	60	20	34	122.00
3	23	60	62	20	42	168.00
4½	23.75	60	66	20	63	287.00
6	27.25	60	71	20	84	363.00

ALUMINUM AVAILABLE AT AN ADDITIONAL 15%.

MICHIGAN PNEUMATIC PULLERS

MP's lightweight, easy to operate, dependable roller-type chain hoists are built for safety and high efficiency. They have a capability for a multitude of lifting jobs. Constructed of special type steel—features needle bearings for long life, a quick reverse system for ease of operation and a specially designed brake for safety. Standard lift on all sizes is 60".

ROLLER TYPE CHAIN

Rated Capacity (Tons)	Min. Between Hooks (Inches)	Standard Lift (Inches)	Lever Pull to lift Full Load (Pounds)	Length of Lever (Inches)	Net Weight (Lbs.)	PRICE
¾	13	60	68	18	20	$108.00
1½	17	60	62	20	35	148.00
3	23	60	66	20	47	208.00
4½	23.75	60	73	20	64	329.00

ADDITIONAL LIFT

Capacity	Standard Chain Supplied	Chain Required Per 1 Foot Lift
¾ ton	5.5 feet	1 foot
1½ ton	5.5 feet	1 foot
3 ton	11.0 feet	2 feet
4½ ton	16.5 feet	3 feet

MICHIGAN PNEUMATIC PULLERS

This MP-12D Puller is years ahead in design, has exclusive features not found in other pullers. It is the most useful tool you can own. Excellent features are large, removeable hooks, large drum with more teeth, safety latches, bronze pawls and is light weight. This puller designed for lifting, lowering and pulling.

Model	Cap. Pulling	Lifting Dist. (Feet)	Min. Bet. Hooks (Inches)	Cable Dia. (Inches)	Net Weight (Lbs.)	PRICE
MP-12D	Single Line 1 Ton Double Line 2 Ton	12 6	18 24	3/16	9	$47.00

MICHIGAN PNEUMATIC PULLERS

This MP Puller is easy to operate and use. It has no brakes to slip, load is always in positive control; and is furnished with flexible steel load chain. Easy to use in tight areas and is practically maintenance free. Excellent features include drop forged hooks, impregnated bronze bearings, one piece ratchet and chain wheel with positive load control.

Model	Min. Bet. Hooks (Inches)	Cap.	Std. Lift (Inches)	Lever Pull at Cap. Load (Lbs.)	Length Lever (Inches)	Net Weight (Lbs.)	PRICE
MPRN 150	10.25	¾ Ton	66	85	15.38	7	$72.00
MPRN 300	11.75	1½ Ton	100	100	15.38	9.5	$98.00

EXTRA CHAIN PER FOOT OF LIFT IS AVAILABLE

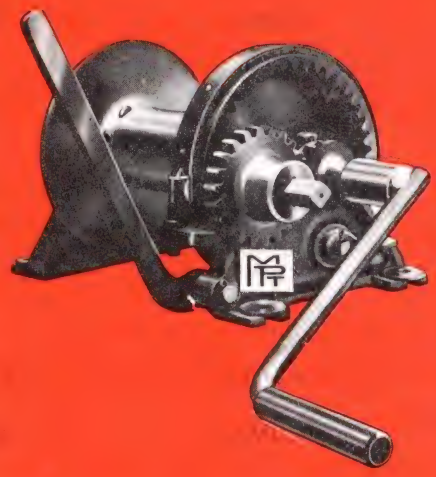
HAND WINCHES

MICHIGAN PNEUMATIC MODEL MP-A3 — $74.80
1/2 TON CAPACITY WINCH

This lightweight Michigan Pneumatic winch has a gear ratio of 5.3:1 which enables one man to winch to full rated capacity. Special features are spring loaded holding dogs-two way operation, neutral position for free spooling. Unrestricted line clearance in any direction. Handle has revolving ferrule grip for speed and comfort. Available in 3" or 6" drum width and with or without lever-operated band type brakes.

CAP. . . . . 1000 lbs.
WEIGHT . . . . . 17 lbs.
MECH. ADVNTGE 35:1

CABLE CAPACITY
. . . . . 367 ft of 1/8"
. . . . . 151 ft of 3/16"

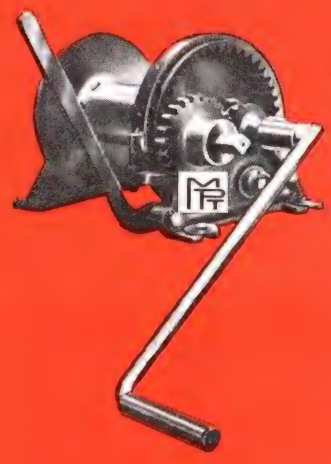


MICHIGAN PNEUMATIC MODEL MP-B3 — $101.20
1 TON CAPACITY WINCH

This Michigan Pneumatic winch has an available gear ratio of 5.3:1 or 10.5:1. One man can easily winch to its full rated capacity. Winch is lightweight-easily carried in one hand. Spring operated holding dogs-two way operation, neutral position for free spooling. Two drum widths 3" or 6" and lever-operated band type brakes are available.

CAP. . . . . 2000 lbs.
WEIGHT . . . . . 19.75 lbs.
MECH. ADVNTGE 55:1

CABLE CAPACITY
. . . . . 367 ft of 1/8"
. . . . . 151 ft of 3/16"

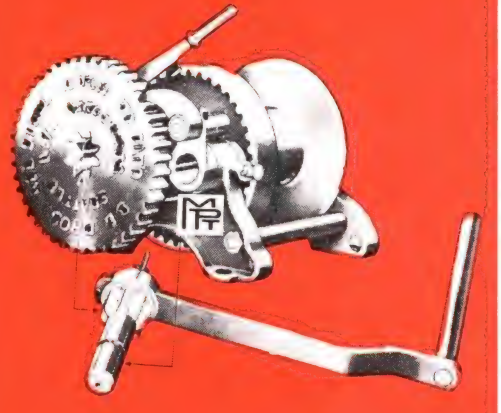


MICHIGAN PNEUMATIC MODEL MP-L6 — $271.70
2 TON CAPACITY WINCH

This Michigan Pneumatic rugged steel winch is lightweight with replaceable bronze bearings and alemite fittings throughout. It has a fast two speed gear change, 4:1 for fast cable take-up and 22:1 for winching. Instant, easy free spooling, spring loaded holding dog and adjustable hand operated brake are some of its many features.

CAP. . . . . 4000 lbs.
WEIGHT . . . . . 60 lbs.
RATIOS 4:1-22:1

CABLE CAPACITY
. . . . . 278 ft of 1/4"
. . . . . 133 ft of 3/8"

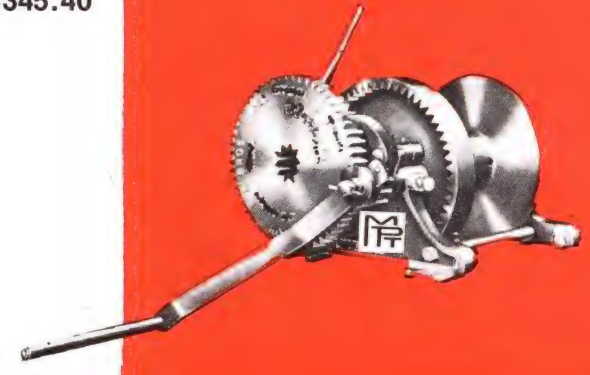


MICHIGAN PNEUMATIC MODEL MP-H8 — $345.40
5 TON CAPACITY WINCH

This Michigan Pneumatic powerful, low cost steel winch has replaceable oil impregnated bronze bearings for long life. Alemite fittings throughout. Fast two speed gear change, 4:1 for fast cable take-up and 24:1 for winching. Safe one piece handle with adjustable pinion, instant, easy free spooling. Winch mounts in any position-dog locks out for releasing loads by handle or free spooling drum.

CAP. . . . . 10000 lbs.
WEIGHT . . . . . 110 lbs.
RATIO 4:1-24:1

CABLE CAPACITY
. . . . . 220 ft of 1/2"
. . . . . 123 ft of 5/8"



CONSTRUCTION EQUIPMENT

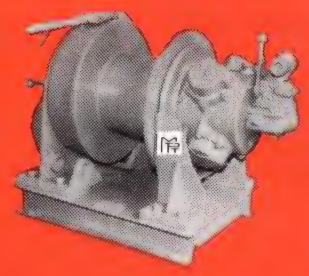
MICHIGAN PNEUMATIC MODEL MPHU TUGGER

CAP. . . . . 2000 lbs.
WEIGHT . . . . . 490 lbs.
LIFT. SPEED . . . . . 124 ft/min

CABLE CAPACITY
. . . . . 580 ft of 3/8"
. . . . . 320 ft of 1/2"

These light and compact Michigan Pneumatic tuggers are designed for low air consumption and high efficiency. They can be mounted to the wall or ceiling, as well as the usual floor mounting. They are many times used with portable compressors, on which they are mounted and moved from one job to another without any problems.

OTHER MANUFACTURER'S LIST PRICE $2825.00



$2325.00

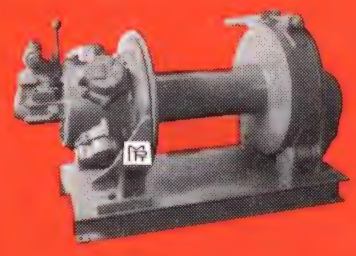
MICHIGAN PNEUMATIC MODEL MPHUL TUGGER

CAP. . . . . 2000 lbs.
WEIGHT . . . . . 562 lbs.
LIFT. SPEED . . . . . 124 ft/min

CABLE CAPACITY
. . . . . 1200 ft of 3/8"

These light and compact Michigan Pneumatic tuggers are designed for low air consumption and high efficiency. They can be mounted to the wall or ceiling, as well as the usual floor mounting. They are many times used with portable compressors, on which they are mounted and moved from without difficulty.

OTHER MANUFACTURER'S LIST PRICE $3055.00



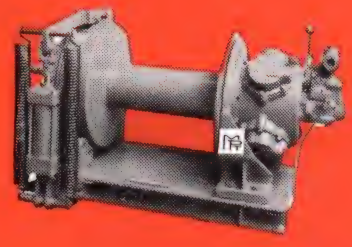
$2555.00

MP-36B or MP-36BL TUGGER

This hoist is safe and easy to operate and can be used for a wide range of purposes. Both rope pull and rope speed are designed to allow variation of the reduction ratios within a certain range.

CAPACITY	4200 lbs.
LIST SPEED AT RATED LOAD	105 ft/min
SIZE AND MAXIMUM LENGTH OF WIRE ROPE	1/2"x920ft 5/8"x590 ft *1/2"x1840 ft *5/8"x1180 ft
WEIGHT WITHOUT WIRE ROPE	1205 lbs. *1285 lbs.
AIR PRESS.	80 p.s.i.

*BL TYPE



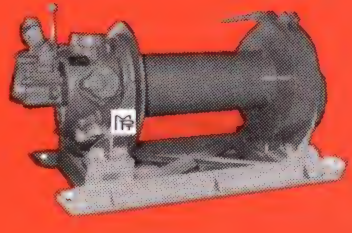
MP-36B $4275.00
(Illustrated) MP-36BL $4500.00

MP-45F or MP-45FL TUGGER

This hoist is easily operated due to ball bearings used for the bearing parts to minimize the friction loss and higher power output. All bearing parts are completely sealed to prevent oil leakage from the casings.

CAPACITY	5250
LIFT SPEED AT RATED LOAD	130 ft/min
SIZE AND MAXIMUM LENGTH OF WIRE ROPE	5/8"x900 ft 3/4"x550 ft *5/8"x1300 ft *3/4"x1100 ft
WEIGHT WITHOUT WIRE ROPE	1730 lbs. *1830 lbs.
AIR PRESS.	80 p.s.i.

*FL STYLE



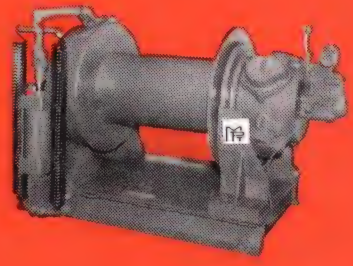
MP-45F $4950.00
(Illustrated) MP-45FL $5600.00

MP-36C or MP-36CL TUGGER

This hoist provides excellent performance due to its fine design, advanced machining techniques and suitable materials used in their manufacture. The body is compact, sturdy, and lightweight.

CAPACITY	7000 lbs.
ROPE SPEED AT RATED LOAD	60 ft/min
SIZE AND MAXIMUM LENGTH OF WIRE ROPE *5/8"x1240 ft *3/4"x920 ft	5/8"x620 ft 3/4"x460 ft
WEIGHT WITHOUT WIRE ROPE	1620 lbs. *1764 lbs.
AIR PRESS.	80 p.s.i.

*CL TYPE



MP-36C $5750.00
(Illustrated) MP-36CL $6500.00

MISCELLANEOUS TOOLS

MICHIGAN PNEUMATIC MODEL MP 18
AIR SUMP PUMP

	YP-18
Total Head in Feet	49'
Delivery Ton Hour	22
Capacity Gal. Hour	5810(96)
Net Weight lbs.	42
Air Hose Size	3/4"
Water	2-1/2"
Air Cons. Per Min.	603
	$498.00

Pumps are compact units which can be easily carried. Can be installed in confined areas. Outer casing impervious to corrosion by sea water.

MICHIGAN PNEUMATIC MODEL BC 90P $735.00
PILE DRIVER

The portable BC 90P Sheet Pile Driver is presently gaining fame for making light work of ditch shoring where soil is comparatively clayish. Since piling sizes vary according to region or country, cap dimensions should be specified along with order.

CAPACITY PILE SIZE:
Thickness . . . . . 3/16"
Breadth . . . . . 9"
Stroke . . . . . 6"
Blows (p.m.) 1200
Overall Length (A) . . 27-13/16"
Net Weight . . . . . 140 lbs.
Air Inlet Thread P.S. 1
Hose Size . . . . . 3/4"
Piston Dia. (mm) 63.5

OTHER MANUFACTURER'S LIST PRICE $835.00

MICHIGAN PNEUMATIC MODEL MP B0 $295.00
CONCRETE VIBRATOR

CYLINDER DIAM. 56mm
VIBRATION NO. . . . . 10000 p/m
WEIGHT . . . . . 12 lbs.
LENGTH . . . . . 13-1/16"
AIR-INLET . . . . . 3/8"

This tool includes 7.9" (2m) tubes and built-in Grip Ring Throttle.

OTHER MANUFACTURER'S LIST PRICE $580.00

MICHIGAN PNEUMATIC MODEL MP B2 $285.00
TIE TAMPER

The Pneumatic Tie Tamper comes with "D" Handle and built in standard Tamping Bars.

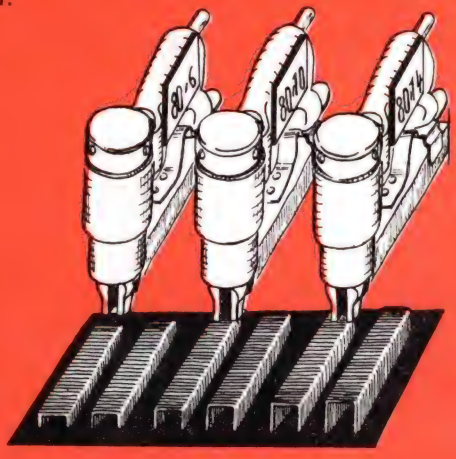
Piston Dia.	45mm	Length	39-13/16"
Stroke	1-3/16"	Weight	42 lbs.
Blows	2800 pm.	Air Inlet	3/4"

OTHER MANUFACTURER'S LIST PRICE $510.00

MICHIGAN PNEUMATIC AIR TACKER

This Michigan Pneumatic Air Tacker with one-hand operation, was designed to exclude weariness. The trigger must be placed on surface to be nailed, before the tool can be fired.

$65.00



MP80-6
MP80-10
MP80-14

The MP-80-6 takes 6mm light staples.
The MP-80-10 takes 10mm medium staples.
The MP-80-14 takes 14mm heavy staples.

OTHER MANUFACTURER'S LIST PRICE $95.00

MICHIGAN PNEUMATIC

ELECTRO-MATIC

ET-20 STAPLE GUN TACKER

$139.50

uses ET-20 Narrow Crown Staples in 4 sizes:

This high-production type tacker is the ideal problem-solver on jobs where work volume is too heavy to conveniently expedite with hand tackers. They effectively replace, or can be used in conjunction with air tackers in large industrial plants.

ET-20 STAPLES

Size	Packing (per box)	Price
5/16"	5M	$3.90
3/8"	5M	4.25
1/2"	5M	4.60
9/16"	5M	5.10

TROLLEYS AND CLAMPS

MICHIGAN PNEUMATIC ADJUSTABLE TROLLEYS
MP STANDARD TYPE BALL BEARING

Michigan Pneumatic Trolleys now have a unique new design. By the simple removal of one cotter pin and nut, and by shifting spacers, your MP trolley can be tailored to fit several different size I-beams. This new flexibility, added to smooth, quick operation and rugged dependability, makes MP the outstanding geared trolley on the market.

Capacity (Tons)	Test Load (Tons)	Adjustment for I Beam (Inches) Flange Width Min.	Flange Width Max.	Vertical Measure Min.	Vertical Measure Max.	PRICE
1/2	3/4	3	5	4	12	$ 45.50
1	1-1/2	3	5	5	12	62.25
1-1/2	2-1/4	3	5	5	12	87.75
2	3	4	6	6	18	109.00
3	4-1/2	4	6	6	18	129.00
5	7-1/2	5	7	8	18	195.00
10	12-1/2	5	7	10	18	539.00

MICHIGAN PNEUMATIC ADJUSTABLE GEARED TROLLEYS

MP Geared Trolleys now have a unique new design. By the simple removal of one cotter pin and nut, and by shifting spacers, your MP trolley can be tailored to fit several different size I-beams. This new flexibility, added to smooth, quick operation and rugged dependability, makes MP the outstanding geared trolley on the market.

Capacity (Tons)	Test Load (Tons)	Adjustment for I Beam (Inches) Flange Width Min.	Flange Width Max.	Vertical Measure Min.	Vertical Measure Max.	PRICE
1/2	3/4	3	5	4	12	$ 69.50
1	1-1/2	3	5	5	12	95.50
1-1/2	2-1/4	3	5	5	12	127.00
2	3	4	6	6	18	140.00
3	4-1/2	4	6	6	18	182.00
5	7-1/2	5	7	8	18	279.00
10	12-1/2	5	7	10	18	741.00

MICHIGAN PNEUMATIC SPATTER RESISTENT DEEP THROAT - "C" CLAMPS

The extra-deep throat allows maximum clearance for body builders, welders (weld cannot stick to the copper plated screw and swivel), wood workers, general machine shop workers, etc. These clamps are DROPPED FORGED, and HEAT TREATED, with the thread being a tough Acme, you are assured of long life and husky performance.

No.	Capacity (In.)	Depth (In.)	Length (In.)	Width (In.)	Screw Dia. (In.)	Regular Price	Price
CC82	2	2	6	3-3/4	1/2	$ 4.52	$ 3.80
CC83	3	2-3/8	8	4-1/8	1/2	5.62	4.20
CC84	4	2-3/4	10	4-3/4	5/8	7.30	5.90
CC86	6	3-5/8	12	6	5/8	9.40	7.50
CC88	8	4-1/2	14-1/2	7	3/4	11.92	10.25
CC90	10	5-3/8	17-1/4	8-1/2	3/4	14.96	13.80
CC92	12	5-3/4	20	9-3/8	7/8	24.50	20.69

MICHIGAN PNEUMATIC HEAVY DUTY FORGED "C" CLAMPS NEW

Truly an extra heavy duty clamp for the heaviest usage. Drop forged frame heat treated. Tempered steel spindles turned from bar stock. Unconditionally guaranteed against breakage. Natural finish. Bulk packaging.

Number	Capacity Inch	Screw Dia.	Price
CC1H	1	3/8	$ 2.95
CC1-1/2H	1-1/2	1/2	5.20
CC2H	2-1/2	5/8	8.50
CC3H	3-1/2	3/4	11.95
CC4H	4-1/2	7/8	15.95
CC5H	5-1/2	7/8	18.75
CC6H	6-1/2	1	22.00
CC8H	8-1/2	1-1/8	27.50
CC10H	10-1/2	1-1/8	42.00
CC12H	12-1/2	1-1/4	57.00

MICHIGAN PNEUMATIC

U CLAMP

FINGER CLAMP

PLAIN CLAMP

GOOSE NECK CLAMP

Order	Overall Diameter Lgt.	Width	Thick-ness	Slot Dimen. Width	Length	Size of Finger Diameter	Length	Offset	Regular Price Each	OUR PRICE Each
MP "U" SERIES STRAP CLAMPS										
UC-4	4"	1-3/4"	3/4"	11/16"	3-1/2"	9/16"	9/16"	-	$ 1.93	$1.78
UC-6	6"	2"	7/8"	11/16"	5-1/2"	11/16"	11/16"	-	3.20	2.84
UC-8	8"	2-3/8"	1-1/8"	13/16"	7-3/8"	13/16"	13/16"	-	5.46	4.41
UC-10	10"	2-3/4"	1-1/4"	15/16"		15/16"	15/16"	-	8.07	6.36
UC-12	12"	3-1/4"	1-3/8"	1-1/16"		1-1/16"	-		11.93	9.26
MP FINGER SERIES STRAP CLAMPS										
FC-4	4"	1-3/8"	3/4"	11/16"	1-3/8"	1/2"	1/2"	-	1.93	1.76
FC-6	6"	1-3/4"	7/8"	11/16"	1-15/16"	5/8"	5/8"	-	3.19	2.70
FC-8	8"	2-1/8"	1-1/8"	13/16"	2-9/16"	3/4"	3/4"	-	5.46	4.41
MP PLAIN SERIES STRAP CLAMPS										
PC-4	4"	1-5/8"	3/4"	11/16"	1-3/8"	-	-	-	1.93	1.76
PC-6	6"	1-3/4"	7/8"	11/16"	2-1/16"	-	-	-	3.20	2.84
PC-8	8"	2-1/8"	1-1/8"	13/16"	2-13/15"	-	-	-	5.46	4.41
PC-10	10"	2-1/2"	1-3/8"	15/16"	3-11/16"	-	-	-	9.02	7.20
MP GOOSE NECK SERIES STRAP CLAMPS										
GC-4	4"	1-3/8"	3/4"	11/16"	15/16"	-	-	13/16"	2.13	1.91
GC-6	6"	1-3/4"	7/8"	11/16"	1-11/16"	-	-	15/16"	3.52	2.95
GC-8	8"	2-1/8"	1-1/8"	13/16"	2-7/16"	-	-	1-1/8"	6.00	4.81

HYDRAULIC JACKS

Light-weight utility jack that has the listing ability of 5 tons. Only top quality materials are used. Non-slip saddle. You will look far and wide for a better hydraulic jack than the MP5.

MODEL NO.	MP5
NORMAL CAPACITY	5 Ton
STATIC CAPACITY	8 Ton
RAM LIST	5-1/8"
SCREWED EXTENSION	2"
MAXIMUM HEIGHT	17-3/8"
MINIMUM HEIGHT	9-1/2"
RAM DIAMETER	1-7/16"
WEIGHT	15 Lbs.

OTHER MANUFACTURER'S LIST PRICE $40.50

MP 5 TON $32.00

This all purpose jack is the finest listing tool in the industry. This body housing is rugged and well-finished inside and outside to provide long life and easy operation. Try it once and you'll never use any other brand.

MODEL NO.	MP8
NORMAL CAPACITY	8 Ton
STATIC CAPACITY	11 Ton
SCREWED EXTENSION	2"
MAXIMUM HEIGHT	17-3/8"
MINIMUM HEIGHT	4-1/2"
RAM DIAMETER	1-11/16"
WEIGHT	21 Lbs.

OTHER MANUFACTURER'S LIST PRICE $48.00

MP 8 TON $40.50

Of our heavy duty jacks this little gem is one of our better light heavy duty models. The base is wide and rugged to provide the greatest degree of stability. The value packing is oil resistant for trouble free operation.

MODEL NO.	MP12
NORMAL CAPACITY	12 Ton
STATIC CAPACITY	16 Ton
RAM LIST	5-7/8"
SCREWED EXTENSION	2-3/4"
MAXIMUM HEIGHT	18-1/8"
MINIMUM HEIGHT	9-1/2"
RAM DIAMETER	1-3/4"
WEIGHT	23 Lbs.

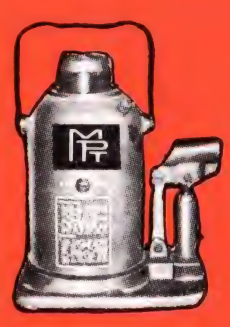
OTHER MANUFACTURER'S LIST PRICE $61.00

MP 12 TON $44.75

This jack is the medium heavy duty model. The quick, deep screw makes it easy and fast to bring the jack up to the job. Both the main and pump cylinders have a highly finished surface that contribute to ease of operation.

MODEL NO.	MP16
NORMAL CAPACITY	16 Ton
STATIC CAPACITY	20 Ton
RAM LIST	5-7/8"
SCREWED EXTENSION	3"
MAXIMUM HEIGHT	17-7/8"
MINIMUM HEIGHT	10"
RAM DIAMETER	2-3/8"
WEIGHT	35 Lbs.

OTHER MANUFACTURER'S LIST PRICE $87.00

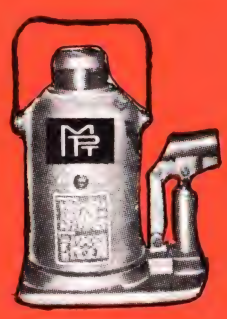


MP 16 TON $70.75

The Grand Daddy of the jacks is the MP 20. It will do all of the heavy listing that has to be done. There is no better heavy duty jack made, that can compare with this one.

MODEL NO.	MP20
NORMAL CAPACITY	20 Ton
STATIC CAPACITY	25 Ton
RAM LIST	5"
SCREWED EXTENSION	
MAXIMUM HEIGHT	14-1/2"
MINIMUM HEIGHT	9-1/2"
RAM DIAMETER	2-5/8"
WEIGHT	40 Lbs.

OTHER MANUFACTURER'S LIST PRICE $98.00



MP 20 TON $81.25

RAMS AND HYDRAULIC PUMPS

MICHIGAN PNEUMATIC

SOLID SINGLE ACTING RAMS

Model Number	Cap.	Clsd. Hgt.	Stroke	Wt.	Net Price
MP-45	4	5	2-3/16	3	$ 27.50
MP-410	4	10	5	6	41.75
MP-105	10	5	2-1/2	6	60.00
MP-1012	10	12	6	11	68.25
MP-1016	10	16	10	16	91.25
MP-2011	20	11	5	25	127.75
MP-2019	20	19	13	42	216.90
MP-305	30	5	2-1/2	15	96.50
MP-3010	30	10	6	34	178.25
MP-6011	60	11	6	58	230.00

SINGLE ACTING PUMPS

Model Number	PSI	Oil Cap.	Hose Conn.	Wt.	Net Price
MP-4	7000	14	1/4	6	$ 43.20
MP-10	10000	37	3/8	14	58.50
MP-30	10000	83	3/8	29	122.75
MP-60	10000	110	3/8	31	138.00

MP-45 Solid Single Acting Ram with MP-4 Single Acting Pump

MP-6011 Solid Single Acting Ram with MP-60 Single Acting Pump

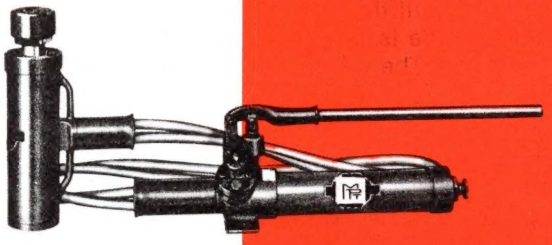
MICHIGAN PNEUMATIC DOUBLE ACTING RAMS

DOUBLE ACTING RAMS

Model Number	Cap.	Clsd. Hgt.	Stroke	Wt.	Net Price
MP-2SR-410	4	10	5	7	$ 50.00
MP-2SR-1012	10	12	6	14	71.75
MP-2SR-2012	20	12	5	23	117.75

DOUBLE ACTING PUMPS

Model Number	PSI	Oil Cap.	Hose Conn.	Wt.	Net Price
MP2P-4	7000	5.5	1/8"	11	$65.75
MP2P-20	10000	14.3	3/8"	19	78.50



MP-2SR-2012 Double Acting Ram MP2P-20 Pump

MICHIGAN PNEUMATIC RAM & PUMP ASSEMBLIES: W/6' HOSE

SINGLE ACTING

Model Number	Cap.	Stroke	Wt.	Net Price
MPSRP-45	4	2.3	12	$ 94.25
MPSRP-410	4	5.0	28	108.00
MPSRP-105	10	2.5	22	147.25
MPSRP-1012	10	6.0	28	158.75
MPSRP-1016	10	10.0	32	179.50
MPSRP-2011	20	5.0	43	215.75
MPSRP-2019	20	13.0	60	369.00
MPSRP-305	30	2.5	30	184.00
MPSRP-3010	30	6.0	56	330.00
MPSRP-6011	60	6.0	107	400.00

DOUBLE ACTING

Model Number	Capacity Push	Capacity Pull	Stroke	Weight Lbs.	Dealer Price
MP2SRP-410	4	2	5	18	$155.00
MP2SRP-1012	10	6.25	6	34	199.00
MP2SRP-2012	20	12.5	5	41	233.75
MP2SRP-1012G	with gauge			35	284.50
MP2SRP-2012G	with gauge			42	320.25

HOLLOW RAMS

Model Number	Cap. Tons	Clsd. Hgt.	Stroke	Wt.	Net Price
MP-105	10	5-1/4	2	7	$102.25
MP-206	20	6-1/4	2	15	136.75
MP-307	30	7	2-1/2	21	186.25
MP-609	60	9-1/8	3-1/2	55	312.00

MP-105

MP-206

ELECTRIC GRINDERS AND GRINDER BUFFERS

PLEASE ORDER BY CATALOG NO.

MICHIGAN PNEUMATIC MODEL MPE-46 1/4 H.P. GRINDER

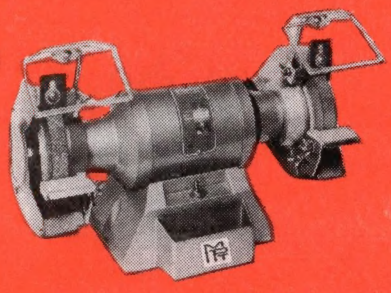
Motor—Totally enclosed, Ball Bearing, Split Phase. 115V-60 Cyl., 3450 RPM. Shafts 3/4" through rotor, 1/2" through wheels. Grinding wheels 6 x 3/4 x 1/2", Med. & Coarse. Base: 8-1/2 x 6"; Length: 17" Height: 9-1/2"; Weight Packed: 30 lbs.
OSHA APPROVED

$77.00

MICHIGAN PNEUMATIC MODEL MPE-33 1/3 H.P. GRINDER

Motor—Totally enclosed, Ball Bearing, Split Phase. 1/3 H.P. 115V-60 Cyl., 3450 RPM. Shafts 3/4" through rotor, 1/2" through wheels. Grinding wheels 6 x 3/4 x 1/2", Med. & Coarse.
Base: 8-1/2" x 6"; Length: 17"
Height: 9-3/4", Weight Packed: 33 lbs.
OSHA APPROVED

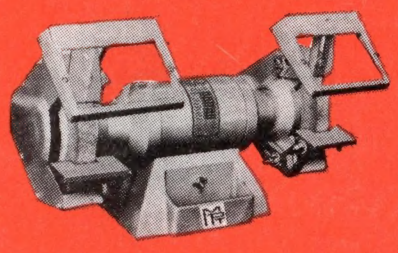
$84.50



MICHIGAN PNEUMATIC MODEL MPE-7 1/2 H.P. GRINDER

E7—1/2 H.P.—3450 RPM—7" Grinder
Grinding Wheels—7 x 1 x 5/8"
Base: 9-3/4 x 6-3/4"; Length: 19"
Height: 9-3/4"; Shipping Weight: 50 lbs.
OSHA APPROVED

$132.00



MICHIGAN PNEUMATIC MODEL MPE-8 3/4 H.P. GRINDER

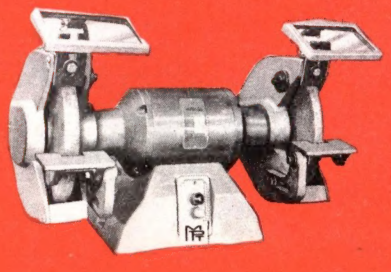
E8-3/4 H.P.—3450 RPM—8" Grinder
Grinding Wheels—8 x 1 x 3/4"
Base: 10-1/2 x 8-1/2; Length: 20-1/4"
Height: 11-3/4"; Shipping Weight: 70 lbs.
OSHA APPROVED

$181.00

MICHIGAN PNEUMATIC MODEL MPE-10 1 H.P. GRINDER

E10—1 H.P.—1725 RPM—10" Grinder
Dual Voltage 115-230; Grinding Wheels 10 x 1 x 3/4"
Base: 11-1/2 x 9-1/2"; Length: 23"
Height: 13-1/2"; Shipping Weight: 133 lbs.
OSHA APPROVED

$256.50



ELECTRIC GRINDERS

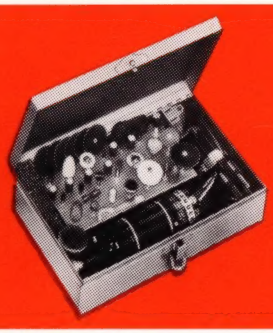
MICHIGAN PNEUMATIC MODEL B6000 $31.50

ELECTRIC GRINDER

110 VOLT HI-TORQUE HANDEE

Hi-Torque Handee is loaded with extra power...has more speed...more built-in stamina...longer life. Chicago Wheel has been manufacturing Handee Power Tools for over 20 years. Now the Hi-Torque, Handee with its all-new design and construction completely surpasses any other tool comparable in size on the market!

WEIGHT .....14 oz.	RPM 25,000
LENGTH .....6"	COLLET .....3/32, 1/8"



MICHIGAN PNEUMATIC MODEL 6010 $43.50

GRINDER KIT

110 VOLT HI-TORQUE HANDEE

This kit includes the Model 6000 Handee Grinder, with 45 all-purpose accessories and steel case. Accessories include: steel cutters (for non-ferrous metals, wood, plastics), cleaning brushes, abrasive mounted wheels (for hardened steel, non-ferrous metals, glass, ceramics), drills buffing and polishing wheels, drum sander, cut-off discs, dressing stone, polishing compound.

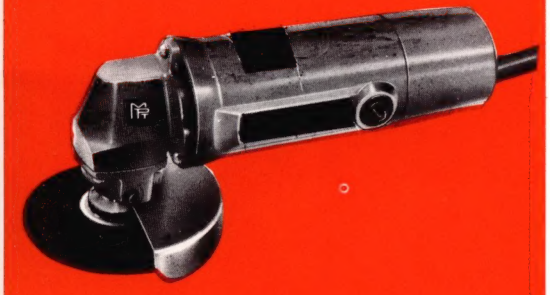
MICHIGAN PNEUMATIC MODEL 3500 $99.00

ELECTRIC GRINDER

110 VOLT HI-TORQUE HANDEE

For your heavy duty jobs the first and only grinder designed with a cartridge spindle...patented...assures smooth cool vibration-free operation. Gives a silk-like "Touch" to your work. Hi-Power Handee equipped with Jacobs Chuck. 3 general purpose mounted wheels. Dressing stone. Chuck key.

WEIGHT .....6-1/2 lbs.	CAPACITY .....1/4"
RPM 18000	H.P. 1/8



MICHIGAN PNEUMATIC MODEL R-110 $59.95

RIGHT ANGLE GRINDER

A compact 110 volt right angle disc grinder for high speed grinding. Smaller in size and lighter in weight than most other grinders yet powerful enough to do any grinding work.

WEIGHT .....4-1/2 lbs.	RPM 13000
LENGTH .....9"	CAP .....4" wheel

OTHER MANUFACTURER'S LIST PRICE $99.50

MICHIGAN PNEUMATIC MODEL AG-20 $115.00

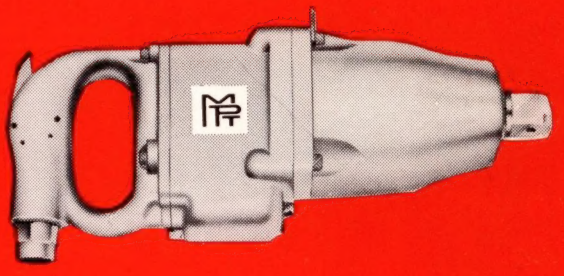
RIGHT ANGLE GRINDER

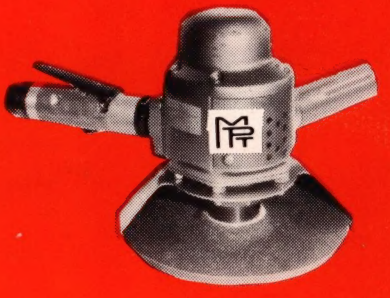
The tool of choice for use with pressure sensitive discs, cartridge rolls, mounted points, and rotary files. Castings are of brushed aluminum, highly polished and anodized to withstand hard use.

WEIGHT .....15 oz.	RPM 20000
LENGTH .....4-3/8"	CAPACITY .....1/4"-1/64"

AIR TOOLS GUARANTEE

Every Michigan Pneumatic product is thoroughly tested and inspected before it leaves our factory. Should it fail to give satisfactory service, return the complete product to Michigan Pneumatic with transportation charges prepaid. We guarantee to replace free of charge any part or parts found by us to be defective due to faulty material or workmanship, provided repairs have not been made or attempted by others. This guarantee does not cover damages caused by misuse, negligent handling, or normal wear and tear. No other guarantee, written or verbal, on our products is authorized by us.





FULLY GUARANTEED AIR TOOLS

Michigan Pneumatic Tool, Inc.
10650 Cloverdale
Detroit, Michigan 48204

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BOX 212
ASTATULA FL 32705

ATTENTION: AIR TOOL BUYER